

MINNESOTA

. GEAR GRA RORRING

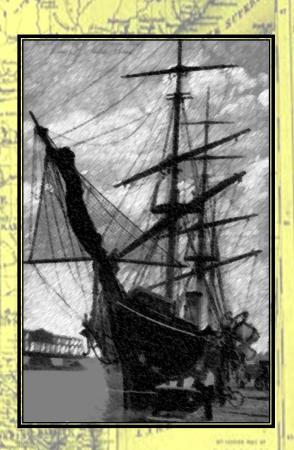
Log Book of the USS Essex October 3, 1876 – March 31, 1877



Grant Recipient
MINNESOTA HISTORICAL
& CULTURAL GRANTS

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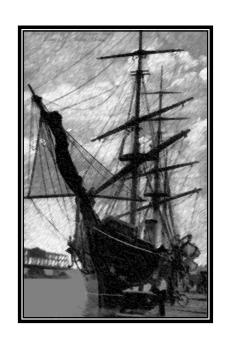
PRESTONCED LA DICHINON



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MINNESOTA HISTORICAL & CULTURAL GRANTS

Log Book of the USS Essex October 3, 1876 – March 31, 1877



LOG 1 & Sesset 1876 X 101-3-1879 X

OF THE

U. S. Steame Elly"
Third RATE

OF

Lif GUNS,

COMMANDED BY

Commander, Winfield Footh Telely , U. S. Navy,

Attached

, to Squadron,

Commencing October Third , 1876,

at Kary Gard Boelon, Maciachusette,

and ending

, 18 ,

at

BUREAU OF NAVIGATION,
NAVY DEPARTMENT,
1875.

LIST OF OFFICERS

Attached to and on board of the U. S. ST Essex, & Rate

, commanded by

Boumander W. S. Schley , U. S. N., at the time of leaving the anchorage at Boston, Mass. the 24 day of October , 1876.

NAME.	RANK.	NAME.	_ RANK.
W. S. Selvey	Commander		
Oslin Schmler	Lieut Como =		
Scalitalker	Lieutenant		
John J. Sullivan	a contract		
J. K. Gogswell			
R. G. Davenport			
W. Kelling	4		
We B. Danis	P. aut. Surgen		
S. D. Hurlant	Paymaster		
P. A. Reanick	Chief Engineer		
Geo. B. Ranson	Asst. "		100000
We 18 Running	badet "		
Robt. S. Reid			
Henry H. Stivers			
F. A. Oran	Baatowain		
Henry Danis	Carpenter		
Arthur Schley	Comt's Clerk		
W. P DeBehlen	Paym "		
	/		

LIST OF OFFICERS

who have died, been detached, or transferred, on board the U. S. Str. Essex, 3 Rate commanded by Comst. W. S. Schley, U. S. N., during a cruise on the North Atlantic Station from Oct. 24th, 1876, to end of cruise April 1th, 1877.

Will Durning Gaster Engineer Nov. 11th 118 - Ry rotor of Gravy Scient. Roth Never Gargenter George Gases Jankent Gargenter John T. Fullione Recentional of Medical Lewry. March 27th 177 - Orestament of Medical Lewry.
Servey & Stury Dening & anne Gargentin Gen. 8th 17 & Came Gargentin March 27th 177 - Oreshmund by Medical lewry-
Servey & Stury Dening & anne Gargentin Gen. 8th 17 & Came Gargentin March 27th 177 - Oreshmund by Medical lewry-
Servey & Stury Dening & anne Gargentin Gen. 8th 17 & Came Gargentin March 27th 177 - Oreshmund by Medical lewry-
John T. Fullian Ciculiant March 27th Consumed by Medical Runy.
Examined and found to be assessed

the U. S. Steamer Osley, 3 tol Pate, at first commissioning

	, 18	•	
RATES.	NUMBER.	RATES.	
Boaliwaine Malie		Triet Gergeaut	
	,	Coirs	
Quarte Martin	3	Privatū	
Entervaine	.9	- Mariant	
Captain of Forecastle	2		
" Total	4		
" " after guard	2		
Quarta Gunner	2		
Carpenen Hiate	1		
Yailmaken Mate	1		
annou	1		
Captain of Hold	1		
Phipe Cook	1		
Cooper	1		
Carpentin & Cauthur	2		
Huse	1		
Martie at anns	1		
Geoman	1		
apollucaus	1		
Tay Efebruar	/		
Orginus Geoman	/		
Seleoolmalin	1		
Thips With	/		
Tailor	/		
Painte 2 not class	,		
Oruglee	0		
Geaman	,		
Landenna	15		
Proye	12		
Landenne (for Enge Dept)	4		
Machiniste	7		
Coffee Fuitte	,		
First clase Firemen	8		
2 wol " "	7		
Cabin Steward	1		
" Gook,	1		
Ward Room Theward	1	-	
" Gook	/	The pate of coperaine, Capte of a.g.	
Huage Steward	/	and tur Capte of Tops, will be filled	
Gook de	1	by boys as acting but willout the	
Warrant Officer Hiward	1	latie.	
Cook	/		

NUMBER.

Of the U. S. Str Essea, & Rate.

NO. OF GUNA	CALIBER	DESCRIPTION.	WEIGHT.
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241	IX inch	" "	9165
64		, ,	9 155
65	A "	A #	9195
3 66			9205
3 68	60 Pdr.	Rifle "	5450.
22	ovrar.	itiju	0400.
	, 3		
		BOATS.	
		P CORE TO THE REAL PROPERTY.	
		SMALL ARMS.	

OBSERVATIONS for determining the LOCAL DEVIATION of the Stoundard

Compass on board the U. S. S. Essex, 3 Rate

DATE: October 2, the , 1876. PLACE: Roston Harkor, Mass Magnetic Variation. 10 W degrees minutes, at same time and place.

LANDMARK OBS			RENGS TAKEN BY	LOCAL DEVIATION.	LOCAL DEVIATION CORRECTED FOR		
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Run's Centre		NORTH.		, ,, -	10000000		
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		E by N.					
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		8.E. by 8.					
		8 8 E		21 00 E	A STATE OF THE PARTY OF THE PAR		
		8. by E.					
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		8. by W.					
		8.8 W.		10 30'W			
		8. W. by 8.					
		8. W.		40 0'W			
		8. W. by W.					
		W. S. W.		50 8.W.			
		W. by 8.					
		WEST		5° 30'W			
		W. by N.					
		W. N. W.		50 31 W			
		N. W. by W.					
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		N. W. by N.					
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		N. N. W.			The same of the sa		

OBSERVATIONS for determining the LOCAL DEVIATION of the

Compass on board the U. S. S.

Date: , 18 . Place:

Magnetic Variation, degrees minutés, at same time and place.

LANDMARK OB	SERVED.	BEAR	INGS TAKEN BY		LOCAL DEVIATION		
Name of Lundmark.	True Magnetic Bearing by Chart or Astronomical Observation.		Сопарам.	LOCAL DEVIATION.	VARIATION (+ on -		
State of Landson	Astronomical Observation.	Ship's Head.	Landmark Observed.				
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Hou	Knots.	1	Courses storred.	Fr		200	Height in	Ther	Air	Air	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	17.5	State of the Sea.
				Direction.	Force.	Leers	Height in inches.	atr'd.	Bulb.	Bulb.	Water at surface.			Property	
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Noon.															
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			D. R. at Noon	0										,	
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				om Forenoon Observ											
			the time				r, setting	to the	•						
				Amplitude ⊕ observ		Sunri	se							'	M
	Variation	of ti	he Compass by	Azimuth @ observed	l at								*	,	
	Water e	pend	ed during the pe	receding 24 hours										gal	lons.
	Water			during the pre	eeding	24 h	ours								44
	Water r	emaini	ing on hand fit f	for use at Noon											41
	Coal ent	sump	during the pre	ceding 24 hours								to	ins		Ibs.
	Coal ren	nainin	g on hand at No	000											- 66
													-		
P. M															
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Mi	1			1							1				-
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	Longit	nde b	y Chronometer f	from Observations			*								*
	Variat	ion of	the Compass by	y Amplitude obs	erved :	at sun	uet							,	M
			the Compass by		nt									*	

, U. S. Navy,

, 18%.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

at 200 P.M. the Ship was put into Consnision, Capt C. by Mc Canlay w. S. w. Capt of the yard, turning over the command to Commander W. South Select u. F. and reported for duty - viz - Lieut Com the folm Schoule, Executive Office - Lieutwant as a Walker.

Lieut - John T. Sullivan.
Lieut - John T. Sullivan.
Lieut - J. K. Cogewell.
Lieut - R. G. Davenport.
Chief Engine P. a. Reariek.

Ceet Engine J.M. Ransone.

Part aret Payeroster S. D. Hurthut.
Fast aret Surgeon Ever Os. David

Boatewain F. A. Dran

Carpenter Davis Davis

Cadet Engineer W. B. Durming

Johnstehoulus.

From 4 to 8 F.M. Clear and pleasant leavy yard worksum engaged on toom Received a portion of Clate room furnitum, no crew outourd Lieut La. Simons reported for duty

This thethiam.

- Rolat. J. Reid

Henry H. Stivers

Ferm 8 to 12 P. M. Clear and pleasant

Tho Gerlivan.

LOG of the United States Stamu Essey 3rd Rate, 6 Guns,

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Hour	Kno	Pathons.		Courses	stored.		Direction.		Force.	Leeway.	Height is inches.	Ther	Alr Dry Bull	Ale Wet Bulb.	Water at sertion.	Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clea	of the Sea.	Record of the said the vessel is under at end of watch.
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	Variation of the Compass by Amplitude ⊕ observed at Sanrise																			
	Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at															-				
	Variation of the Compass by Azimuth © observed at																			
	Water expended during the preceding 24 hours gallons. Water during the preceding 24 hours "																			
									eding	24 D	eme									
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	* 8.5		10 L	DE COD	speed by				25											

From 12 to 4 am. Clear and pleasant - Bright wornlight -

Tho Sulivan.

From & to & am. Clear and pleasant-

Anothelwan.

From & to wind - Cloudy Warm, wisty - Freeh I'm buye - beary Gard workenen working on toard - Come of the crew from Receiving Heip working outrand. Received Some Wardroom and Catin function obtoard -Received some stores in Stavigatore Sept-

Menid to & F.M. Cloudy, Warm, Whisty - Fresh Ity here, Veary Yard worksum and come of the cew from Receiving Ship working Into and Engine could not for dock trial.

Received come Equip must and Varigatore cloud - 10 loves coal and filled water tanks from hydrant-

Teom 4 to 8 9.800. Cloudy with light I'm wind hallen, Lient.

From 8 to beid - Cloudy, builty light I'm wind

Aca Walker,

LOG of the United States Steame Essey" g.d Rate, G Guns, Havy Gard Proston Man

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							WENDS.				BAHOMI	TER.	TEN	CPERAT	URE.			lie le		
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		Lati	tude by	y D. R. at	Noon						10				0	The same of		-	"	
		Long	ritude	by D. R.	at Noon			-											"	
		Lati	mde by	y Observat	tions at No	000 0		•											53	
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		Wat	er exp	ended duri	ing the pe	ecoding	24 hour	18										gal	llons.	
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																				The same of the sa

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 a. ere. Cloudy, weity with light wind from Asalvalhum

From I to & a. M. at G. etacted fine and made preparation for eleaning - Weather Cloudy, which with light bruge from I trallacter,

From & to Mind Light & wind, Rainy, Chilly, disagreeable - Received Your Pay and Equip ment stone on foard - Theam on main toiler for dock triat, but the out two man hole plate and hauled fine - Many yard men and some of crew from Receiving Phip working on toard

Meriod to & G.M. Light & wind - Rainy, chilly, disagueable Received come Tay, Engineere and Eguip ment stone - Gravy yard and sum from Receiving Ship wor ping ontraid - Richard Baron port

Examined and found to be correct.

From wind to 4 a. M. Cloudy, damps, chilly, mornlight - Right From 4 to & a. M. Cloudy, damp, chilly. Zight & 4 wind _ Evached down decks with crew from Receiving Ship Richard What From 8 to Muid. Weather cloudy and equally. Engaged in receiving Tay marter stone, but, pork, rice &c. Received Enduance stone Havy Gard worksmen engaged on rigging and deckt Mogswill Merid to 4 9. M. Rainy & wind - Mary Good and men from Receiving Ship working ontoard - Engineers, Equip must and ordinance stone came on toard - Recimeder Fay Menall stone Richard March Sullinan Wharf Trone 4 to 8 F.M. Cloudy, coof, Flearant at 5 know feed off work- Tuch I.C. wind Right Work Richard for arenderth. Sullinan Von From 8 to Wid - Cloudy cool

Steamer Excey" Navy Gard Forton Harr grad Rate, 6 Guns, LOG of the UNITED STATES Force. Bulleting and the Bulleting B 3 4 9 10 Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon © Longitude by Chronometer from Forencon Observations ⊙ fins. per hour, setting to the Current during the time knots Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours Water during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon P.M. 2 3 4 7 8 9 11 Mid.

Longitude by Chronometer from Afternoon Observations ∅		
Longitude by Chronometer from Observations *	1	
Variation of the Compass by Amplitude observed at Sunset		
Variation of the Compass by at	,	

From wind to 4 a. M. Cloudy -

Asalvacher,

From I to & a.M. Clear and pleasant, with fuch being from W. at 6 started fires.

Healvacker, 9 Lieut.

From 8 to Mend - at 8 working party from Watash came on toard - Engaged taking on toard Tay, Ordinance, Marigation and Equip ment store - at-10-18 started engines ahead for dock that - Weather clear and pleasant with fuch huge from W -

Merid to 4 P.M. Eugaged in receiving Paymaeter, Ordnance and Equip must store - 61-1-30 stopped the rengine - Weather clear and pleasant with light there from M. Arativalker,

From I to 8 F.M. Clear and pleasant with light beinge from W. Asalvackers,

From & to Wid - Clear and pleasant with light bruge from U

Acallacker, dient.

Examined and found to be correct.

AcalVacker, Navigator.

LOG of the United States Steamer Essy" 3 rd Rate, 6 Guns, Mary Gard Boston Mars

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				MINDS.			BATOMI	ETER.	TEN	(PERAT	THE.			Die Contract	State	
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			D. R. at Noon										11.1		**	Me
			by D. Re at Noon													
			Observations at No													2000
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			by Chronometer from													
			ring the time				r, setting	to the								
e s of	Vari	stion o	f the Compass by A.	amplitude @ observ	red at	Sunri	ne					,	11.	*	"	
	Vari	ation o	f the Compass by A.	zimuth @ observed	l at								100		"	1
	Wat	er expe	nded during the pre	ceding 24 hours										gal	lons.	
	Wat	er		during the pres	ceding	24 h	ours									
,			aining on hand fit fo										1110		it	
			med during the prec										CLIS .		lbs.	
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	9							-		-	-					
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3	fid.							1					-			
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	Lo	ngitud	e by Chronometer fr	rom Afternoon Obs	ervati	ons @								,	23	
			e by Chronometer fr				*							,		
			n of the Compass by		urve	M S								,		The same of the same of
			of the Compass by		at									,		
					- 45											

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 a.m. Clear and pleasant bright monlight.

From 4 to 8 a.M. Clear and pleasant with light freeze from U.

From 8 to Mind. at 9 loosed saile to dry - Thorsfullivan Sintmand

From Mind to 4 9.M. Fartly cloudy and cold - Fruled saile at 1 oclock
Thorsfullivan

The Green Gotte cloudy and cold

From I to & Ten. Partly cloudy and cold Inorthelinan Sentimen

From & to Wid - Tartly cloudy and cold Invilouent

						DIE.			BARON	STER.	TES	O'ELLI	TUBE.			24		
Hou	Knot	Pathona.	Course	storred.	Directi	2 13 1	Feres	Leeway.	Height is inches.	1	-		Water al- sertion.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Sea.	Record of the still the vessel is under at end of watch.
A. 3	1.						1											
1																		
2								N										
3								33										
4	16													-	11			
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Noon																		
	Dista	noe Fu	by Log s	ince prec	eding Noon									,	mots	fathe	ms.	
			D. R. at 1													,	~	
			D. R. at													,		
			Observatio		νn Θ											,		
					n Forenoon	Ohaam	- Hans	0								,		
			ing the tim		knots				antelma	to the								
									, setting	to the						,	N	
					mplitude ©			bunri	e							,	N	
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					coding 24 ho											gall	100	
	Water				during th		reding	24 ho	MILE							**		
					r use at Noo											44		
				_	eding 24 hou	28								to			lbs.	
	Coal r	remain	ing on han	d at Noo	G												"	
D M										1	1		1			-	-	
P. M.																		
1																	-	
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Mid	-						-		-							-		
-								-	-				-	-			-	
					m Afternoon		rvation	M (0)							•	*	"	
					on Observati				*							,	"	
					Amplitude	obse	erved a	t Sun	set							'	"	
	Vari	ation o	of the Com	opass by			at									,	-	

From Wind to 4 a.M. Clear and cold - Stricturant From 4 to 8 a.M. Clear and cold Leut S. a. Timone received his detactment from this vestel and order to the Suitmant W. S. S. Hartford.

From 8 to Mind Clear and cold With wind. Crew from Receiving This and Many Gard worksum working ontograd.

Thom Mind to 4 P.M. Clear and cold With wind. Crew from Receiving This engaged in scraping spare. Received some Manigatore and Engineer store on toard.

Trom 4 to 8 T.M. Clear and cold With wind. Crew from 4 to 8 T.M. Clear and cold Mit wind.

Trom 4 to 8 T.M. Clear and cold Mit wind.

Trom 4 to 8 T.M. Clear and cold Mit wind.

Trom 4 to 8 T.M. Clear and cold Mit wind.

Trom 4 to 8 T.M. Clear and cold, enounlight feet, wind.

Trom 8 to Mid Clear and cold, enounlight feet, wind.

LOG of the United States Steamer Essey" 3 rd Rate, 6 Guns,

							n	av	y	ga	id		00	oe	core i	nau			
Ī		1				WIN	DM.			BAROMI	eres.	TE	MPERA	TURE.	100		124	1	
	Hour.	Knots	Pathona.	Courses	strered.	Direction.		Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulls	Alr Wet Bulb	Water	State of th Weather, by symbol	Forms of Clouds, by symbols.	Prop of Ch.	State of the Sea.	Record of the suil the vessel is under an end of watch.
A	. M.																		
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	92																		
	3																100		
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1	11						33												
No	XXII.		3								-								
L						-									-			-	
	I	Vistan	ce rus	by Log sir	nce prece	ding Noon										knots	fathe	oms.	
				D. R. at N													,		
				y D. R. at 1													,		
				Observation		0 0											,	-	
						Forenoon Ob	serroti	ions (2								,		
				ng the time		knots				setting t	o sho								
						aplitude ⊖ ob					o me						,		
						imuth © obser			and the										
						oding 24 hours		•											
		Vater	-		and proces	during the		lina 0	I hou								gail	ons.	
			ramai	ning on has	nd fit for	use at Noon	preceu	mig z	200	mis									
						ling 24 hours											"		
				ng on hand												tons		lbs.	
		-		of on many	ac 2100ti													"	
P.	M.						T	T	T		T	T	1		1000				
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	iid.											4							
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						Afternoon O		anons	0								1	"	
				f the Comp					0	*							-		
				the Comp		equitade (observe		Duna	et							'	-	
			0	me overp	- oy		af									-	-	-	

From Mid to 4 a.M. Clear and cold surportight Mity wind.

From 4 to 8 a.M. Clear and cold It wind pucher Systemsork

From 4 to 8 a.M. Clear and cold It wind. Received advance
Navigation and Equip ment store. Havy yard men and crew from

Receiving Ship working ontoard, latter scraping decks

From Meriod to 8 T.M. Cloudy and cold in 4 wind, at 5

Stopped work and ent crew tack.

Rechard for Manufactor

From 8 to Mid. Cloudy, cold N.4 wind

From 8 to Mid. Cloudy, cold N.4 wind

Variation of the Compass by

验

ged Rate, 6 Guns,

LOG of the United States Gleanue Esley Many Gard Boelon Mane

		-		Na	oy of	Tai	d	0	roel	one n	race			
			WENDS.	-	Ba	DOMETH	E. 17	IMPERA	TURE.	State of the	Forms of	Clear, Other	State of the	Report of the sail the
Hour	Pathona,	Courses st	Direction.	Fores	Leeway.	ha in The	her. Dr.	Air Wet Bulb	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	of the Sea.	at end of w
A. M				10			3							
1			A CONTRACTOR OF THE PARTY OF TH	100	1				1	10011	1		1	Seen A
2	100		47											3 111
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11				4		,				,		5		
Noon.						1		1		"	,	5		
-			*	4								U		
	Distance was	n be I as since	e preceding Noon								bast	Cal		
											knots	fith	oms.	
		D. R. at No												
		by D. R. at N											-	
		Observations									-	-	"	
			er from Forenoon Observ	wtions	0							-	"	
		ring the time			hour, sett	ing to t	he							
			by Amplitude ⊖ observ		Sunrise							-	"	
1	Variation o	f the Compass	by Azimuth ⊙ observed	at								,	"	
. 1	Water expe	nded during ti	he preceding 24 hours									gal	lons.	
	Water		during the prec	eding	24 hours									
	Water rem	aining on hand	d fit for use at Noon											
	Coal consu	med during th	e preceding 24 hours							t	ons		lbs.	
	Coal remai	ning on hand	at Noon								**		44	
-												-		
P. M.			21.20.4 20	-5	30.	065.	51			te	cie	5		
1				5	"	-	"			"	.,	"		
2			"		,		,				"	"		
3				5/4	30.	ne .				"	,,	"		
4				-	000						7			
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11	1		-	2		14	773	-	-	"	*	9	-	
Mid.			,	3	,	4	27,1	-	4	N	"	9	-	
and it.				1	3	2.00	40			"	"	9	4	
						-		-	-	-			-	
			ster from Afternoon Obses	rvation	us ©							'	11	
			ster from Observations		*							1	*	
	Variation	of the Compa	as by Amplitude obse	sreed a	t Sunset							*	"	

From Mid to 4 Q.M. Cloudy, Cold Not wind Richard HARNANDER To Sichard HARNANDER Town 4 to 4 Q.M. Clear and cold, light & 4 wind at 7.15 cur came on toard from Receiving Ship. Crew engaged in getting Ship in order.

Onother liver. From I to Merid. Clear, cold Fresh My wind. Navy Gard workenen and crew from Receiving This working on toard, latter engaged in scraping the decks.

Richard & Richard Richard & Waren purh From Maid to 4 9.2M. Clear and cold. Fresh buye from N. Wary Yard worksum and crew on toard. From 4 to 8 9.W. Clear, cool, pleasant - at 5 stopped work and lent crew tack to Receiving This Richards North Richardsparengert From & to Mid . Clear and cool - Light air from N.

Thorfully Lunt

LOG of the United States Steamer Cesey 3 nd

Rate, 6 Guns,

Havy Gard Boston Mass State of the Weather, by symbols. Forms of U.S. State of the symbols. State of the Sea. Force. B Height in Ther. Dry West at inches. atr'd. Bufb Bufb, suches. M. M.W. 2 303541 6 10 1 30.3739 2 30.3937 2 304036 3 30.42 40 39 8 9 10 " 4241 6 10 " 4443 11 30464645 Noon. Distance run by Log since preceding Noon fathoms. Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon @ Longitude by Chronometer from Forencon Observations O knots fins. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 160 " m. 2. 20. P. M. 30.3365 52 be 3 elici 5 1 2 8 3 W. 2. W. 2 4 30-38 53 52 10 5 2 3 30.3452 " 3 8 30.33 . 48 3 1 47 3 11 Mid. Longitude by Chronometer from Afternoon Observations ⊗ Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

From Mid to 4 a.M. Clear, cold - Light In the beege -Starlight and moonlight - Richard Warren

Richard & Darenport

From 4 to 8 a.M. Clear and cool - Havy Yard work anen engaged in doing odd jobe about the ship - Cleaning ship -

From 8 to Mind. Clear and pleasant. Light It 4 airs. Wary Gard work sum on toard. Crew engaged in cleaning ship. Started five under the boilers for heating Ship. Inorflethian

Flow Mind to 4 7.M. Clear and pleasant - Received the elight crew on board from the Receiving This "Wa tash" with their account and descriptive lists, consisting of 22 Framen, I ord Framen, 32 Lole, 4 Mach, 1 Copper Smith, 1 Boile Maker, 8 Leanen, (Eng Time) 7 Ode dea, (Eng Face) Making a total of 76 min, and 79 boye - Lint. Warnunght Kellogy reported for duty on board. I Lieut

From 4 to 8 9.911 - Clear and cold - Light Wit aire - Mustured crew at quarter. The Effective The Human

From & to Wid - Clear and cool - Bright Starlight - Woderale buy from S. W. It Copwell Limit

LOG of the United States Leanne Cesty" 3rd Rate, 6 Guns,

		,		-	gaid Vrollo					u Mail						
				WENDS.			BAROMI	ETER.	110	PERAT	TURE.	State of the	Varna of	f Clear Hitche	State	
Hour.	Knota	Pathoma.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Ale Dry Bulk	Air Wet Bulb.	Water at surbse.	State of the Weather. by symbols.	Ferms of Clouds, by symbols.	Prop of C	Sea.	Record of the mi at end
A. M.																
1				U.W.	1		30.32	49				te	ai	6	1	
9					1		"	"				"	"	7		
3				"	1			11				"	"	"		
4					1		30.30	48				"	"	11		
5							30.28				1	"	circle	8		
6					1		30.27	"				"	. "	9		
7				,			30.26					"	"	"		
8				w	1		30.25	52			-	"	"	"		
9				"	2		30.22	_				".	9/te	1		
10							30.20		10			+	,	10	23	
11				"				GO		10		#	. 1	"	1	

Distance run by Log since p	receding Noon		9,1	knots	fathoms.
Latitude by D. R. at Noon					
Longitude by D. R. at Noon					, ,
Latitude by Observations at	Noon ©				
Longitude by Chronometer f	rom Forenoon	Observations ©			
Current during the time	knots	fms. per hour, setting to the			
Variation of the Compass by	Amplitude @	observed at Sunrise			
Variation of the Compass by	Azimuth @ ob	served at			, "
Water expended during the p	preceding 24 ho	ners			gallons.
Water	during th	he preceding 24 hours			
Water remaining on hand fit	for use at Noo	a			"
Coal consumed during the pr	receding 24 hou	rs	/ to	Œ18	635 lbs.
Coal remaining on hand at 2	Soon Soon		158	4	1605"

P. M.	w	1	3016	61	62	6		10
1	1		30.12		,	"		4
2	1		30.11		,			"
3	-		8010	62	1	"		4
4	"		3012			,		11
5	4	,	"	"	"	,		"
6			"	60	55			"
7	,			11	58	11		11
8	"	"	"	59	56	11		11
9	"	1	11		55	te	Cir	9
10	"	-	4	57	54	"	"	"
11	"	-	"	"	"	11	"	1
Mid.		"	"			"	11	"

Longitude by Chronometer from Afternoon Observations ⊗	,	-
Longitude by Chronometer from Observations *	,	
Variation of the Compass by Amplitude observed at Sunset		
Variation of the Compass by at		

From Mid to 4 a.M. Clear and cool - Light aire from from the U.EV.

Tho Huthiran

From 4 to 8 a.M. Clear, cool, pleasant - Aloduste 24 wind

Richard government

Flow 8 to Mind. Pleasant-weather, clear - at 9.30 inspected at quarters and stationed going crews

In Doghuler_

From Ellerich to 4 9.00 - Clear, cool, pleasant - Light With wind.
Received some stone in Equip must sept - Rec some Paymontus
Stone - Havy Yard workenen engaged working ontoard 7.a. Paymente It Hulbut left the ship on a three days leave
of abence

Clicharlift arenpert

From 4 to 8 9. M. Clear and cool - Light aire from the W. Multind at quarter at 5.45_

Lieut-

From 8 to Mid - Clear, cool, damp - Light With wind -Heating whip with steam, two main boilers Richard & Michael & Month Lient LOG of the United States Steame Essey" 3rd Rate, G Guns,

A. M. Ci de 10 30-13 51 50 G 5 80.10 50 45 ar aun " " 47 3 4949 * 50 55 30.08 52 52 80.025653 10 30.045855 11 30.80 GO 59 Noon fathoms. Distance run by Log since preceding Noon Latitude by D. R. at Noon

Longitude by D. R. at Noon Latitude by Observations at Noon O Longitude by Chronometer from Forencon Observations ⊙ Current during the time knots fins. per hour, setting to the Variation of the Compass by Amplitude ⊕ observed at Sanrise Variation of the Compass by Azimuth ⊙ observed at gallons. Water expended during the preceding 24 hours during the preceding 24 hours Water remaining on hand fit for use at Noon / tous 290 lbs. Coal consumed during the preceding 24 hours. 157 " 1315" Coal remaining on hand at Noon

P. M.	9. W.	4	29.95	65	65		be	Cie Cum	3
1	,	6	29.90		64		09	Ci Cum Si	10
2	"	"	29.85		"				"
3	"	5		0			"	"	"
4									
5									
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7									50 1
8						3 32			
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11	PARTY DESIGNATION			100				1	
Mid.					-8				
					10				

Longitude by Chronometer from Afternoon Observations ©

Longitude by Chronometer from Observations *

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

From Mid to 4 a. M. Clear, cool and calm - Illy were

From 4 to 8 a.M. Eventur cool and pleasant with light wish doing first-part of watch. Overcast and snirty latter feart- Warring Warring Reliegy Lieut

From 8 to Merid - Cloudy, cold - Cir Cum clouds - Light Fev.

Richard Harrenport

From Meriod to 4 9.91. Weather during first-part of water clear and pleasant, latter part overcast with fresh freeze from Italiand Wod_

Trom 4 to 8 7,900. Overcast, Cool, Samp - Modual T.W. wind - ai. cum cloude.

Richard & Danes port

From & to Mid - Weather overcast but pleasant, with fresh buy from I'd and Wol first part of evalely I latter part - Warring the Maring Lieut

Examined and found to be correct.

LOG of the United States Thames "Estry"

9 rd Rate, 6 Guns,

	Havy	8	Yard	B	oston	Mai	•
	WENDS.		BAROMETER.	THO	SPERATURE.	State of the	Yorns of
Courses steered.	Direction. Force	- Lean	Height in Ther	Alr Dry	Air Water	Wheelman	Clouds, by symbols.

				WENDS.			BAROMI	TER.	TEN	PERAT	TRE.	State of the	Vorma of	Heart House	State	
Hour.	Ensts.	Pathena.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Air Dey Bulls.	Air Wet Bulb.	Water at serios.	State of the Weather, by symbols.	Forms of Chools, by symbols.	Prop. of C	of the Sea.	Becord of the rail the ve at end of water
A. M. 1				21	3		2985	61	50			or	Wint			
2				"	"		29.89	60				11	"	"		
3				"	"			59				"	"	11		
4				"	11		29.90	60	*			"	"	,		
5				21.21.6.	1.3		"	44				095	11	"		
6				"			"	11	40			"	"	,		
7				"	-		"	,	"			"	"			
8				1			2992	11	11			"	"	"		
9				,	3			43	11			"	Wint Com	,		
10					"		47	11	11			"	"	"		
11							"	"				"	4	11		
Noon.				"	"			11	"			"	4	"		

Distance run by Log	since preceding Noon		kno	ts	fathe	oms.	
Latitude by D. R. at	Noon						
Longitude by D. R. a	t Noon						
Latitude by Observati	ons at Noon ⊕						
Longitude by Chronos	meter from Forenoon Observations ⊖						
Current during the tir	ne knots fins. per hour, setting to the						
Variation of the Com-	pass by Amplitude © observed at Sunrise				,	"	
Variation of the Com-	oass by Azimuth O observed at ,				1	"	
Water expended duris	ng the preceding 24 hours				gall	lons.	
Water	during the preceding 24 hours						
Water remaining on	and fit for use at Noon						
Coal consumed during	the preceding 24 hours	1	tons	18	40	lbs.	
Coal remaining on ha	nd at Noon		156 "	17.	15	46	

P. M.	91.91. €.	3.2	29.92	44	36	095	Uint	0
1	"	2			11	09	"	"
2	91.91.80.	2.5	"		0	teg	Cense Hind	4
3	"	3.5	4	,	0	4	Cum	0
4	"	4.6		11	35	te	Cie au	5
5	"	"	"	11	,	"	"	6
6	"	11	"	N	,	"	11	."
7	4	4	"	4	"	"	4	
8	,	4	11	"	"	"	"	7
9	"	11	"	11	"	"	"	8
10	//	11	29.94	11	"	,	"	10
11	"			"	"	1	"	11
Mid.	-11		29.96	"	-	"	-	"

Longitude by Chronometer from Afternoon Observations ©		*
Longitude by Chronometer from Observations *	,	
Variation of the Compass by Amplitude observed at Sunset	,	
Variation of the Compass by at		10

Commences and soutil & a.M. Overcast, sainy, cold, disagnable - Elimb clouds - Moderate n'4 wind - (Ligned) Richard g. Dovemport Lieut

From 4 to 8 a.M. Light Aqualls from 21th and 6th Overcast - Communical secowing at 5.80 and continued during watch -

(Tigued) f. T. Pullivan Lieut

From & to Mind - Weather cold, overcast with elight fall of Anow during watch - (Gigened) W Kellogg Lient-

From Mind to 4 9.2M. Thoring lightly and overcast first feart of water with fresh equally wind from 21 d and 6 st Shifting to 20 and 20 st, with cold cleaning weather - Commenced distilling at 1 oclock-

(Gigned) J. T. Sullivan Lient

From 4 to 8 P.M. Clear, Cold and Pleasant- Wind from 4.48 W. S. Peter Franks (2.9) Dennie J. Downing (B. M.) Charles Green and Great Huntier (2.8M.) absent without leave - (Tigned) W. Kellogg Limit

From 8 to Mid- Clear and cold. Wind fresh in Aqualle from the He and & A- Stopped distilling at 11 oclock-

(Tigned) J. T. Pullivan Lieut

	NITED STAT	ES Ste	am	u	200	lex	~			0	-	Rate,	6 0
			Ha	u To	laus	2 (Box	close 1	Mass				
				-	-				1	54			7
	-	ATME.		BATOMI		TEMPER		State of the Weather,	Forms of Chouls, by symbols.	r Clea	State of the	Bround of the so	il the word is u
	Courses strered.	Direction.	Force.	Height in Inches.	Then, atr'd.	Air Mi Dry We Bulls, Bull	Water at b. suches.	Weather, by symbols.	symbols.	Sky, la	of the Sea.		
Pad				2									
. М.		200 -			,			1	4		8		
1		n.w.	5	29.96		1		te	The lave	/			
2		,	6		11	40	10	4	11	R			
3		1	3	29.98	11	"		"	"	1)			
4				11	.4	,		"	"	4			
5		West	1	30.00	* 7	21		*	9hi	11			
6		,	2	-	49	*		1/	11	8			
7		,	1			44		,	"	4			
8		,	11		46.	4.8		"	1	4			
9		21,91,20.	4.4	29.98	48	1	12	"	cie ann	1			
10		,	"	11		"			,	1			
11		,		"	49	1				1			
000.		,			5/5	19		"	1.	4			
						/					_		
Distance was h	y Log since preced	ling Noon							knots	fith	oms.		
		ang arous								,	~		
Latitude by D.										,	,		
Longitude by I), H. at Noon												
											H		
Latitude by Ob	servations at Noon												
Latitude by Ob			vations	0									
Latitude by Ob Longitude by O	servations at Noon	Forenoon Observ		hour, setting	to the								
Latitude by Ob Longitude by C Current during	hronometer from	Forenoon Observation for the contract of the c	ms. per	hour, setting	to the								
Longitude by Ob Longitude by C Current during Variation of the	nervations at Noon Thronometer from I	Forenoon Observation of the control	ms. per	hour, setting	to the								
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Commences and sentil & a.M. Clear, cool and pleasant Trush buys from H and Wol (Tigued) Wainwight Kellogo (Tigued) Wainwright Kellogg. From 4 to 8 Q.M. Good and calm . Light bruge from the Wid _ (Signed) J. K. Cogswell Lient From 8 to Merid. Clear and cold. Blowing feel in equally from Med and W. Inspected cur at qualter. James Mc Carty 12C. F. is absent without leave. (Tigued) J. T. Pullivan Limb From Meriod to 4 9,900. Weather cool and clear - Driong boind from the Wod - Squally - (Ligned) J.K. Cogewell Link From 4 to & T.M. Clear and cool - Wind moderating. (Signed) f. T. Gullivan Lient From I to Mid - Weather cool and cloudy - Wind from the Wood in occasional squalle -(Signed) f. K. Cogewell Lieut

LOG of the United States Steamer Essey" Mary Efacel Boston Mare

ged Rate, 6 Guns,

				WINDS.			BARCOTT	TER.	TEN	CPERAT	URE.	Stute of the	Yorns of	Clear	State	Escord of the roll the vess
Hour.	Knota	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Then, arr'd.	Alr Dry Bulls.	Ale Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Chouls, by symbols.	Prop of Sky, in D	of the Sea.	at end of watch.
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Longitude by Chronometer from Afternoon Observations ⊗

Longitude by Chronometer from Observations *

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

From Mid to & a.M. Overcast - Moderate bueze from the Pot and Wit-Stopped distilling at 12 oclock-(Ligued) J. T. Faleivan Lieut

From 4 lo & a.M. Cold. Damp. Concast. Disagnable - at 4.30 lighted fier under four more main boiler. at 6 communed distilling. This deaft 13 feet 8 inforward and 16 feet aft- Moderate With wind, cum mint cloude - at 7:40 Filst came on toward, got ships morninge ready for elipping -

(Tigous) Richard G. Davenport From & to Merid. Weather cool and cloudy. Moderate buye from the Wol. at 8.40 Strawed out from the what and anchored off the Hary Yard in five faltrome of water, with (30) thinly fathous not chain Received powder, Shell and Small arm ammunition. Phips deaft forward,

fourtien feet 9 in amodelipe, fourtien feet 9 in aft, eighten feet -

at 9 banked fine. (Tigued) J. K. Cogswell

From Merid to 4 9.M. Cleaning - Cool . Pleasant . Cie. cum cloude . Moduate H. W. wind . at 12:15 stopped distilling . Mended ful of light Paile. Finished stowing magazine and Shell rooms. Banked fire under lix main boiler - Distilling . Riding to wind . Ett lide.

(Signed) Richard G. Davenport

From 4 to & P.M. Weather clear and cool - Mustined at quarties at 5.30 - Swang to flood tide at 7- June) f. K. Cogewell Link

From & to Mich. Clear. Cold. Bright Starlight. Moduate U. W. wind. Several bright metion passed over from E. S. E. Riding to flood. Flack water at 1140. Banked fires under six main boilers. Listitling.

(Tigued) Richard J. Davenport

Examined and found to be correct.

Acallalker, dient.

Navigator.

Variation of the Compass by

LOG of the United States Steamer Essex Mary Gard Borlow Man

grid Rate, 6 Guns

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		WINDS.			BAROME	TER.	TEM	PERAT	URE.	State of the	Forms of Clouds, by	Chear	State
lour. K	Courses steered.	Direction.	Force.	Leerny.	Height in inches.	Then.	Alr Dry Buls.	Alr Wet Bulb.	Water at surface.	Weather, by symbols.	symbols.	Prop. of Bky, to 1	of the Sea.
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From Mid to 4 a.M. Weather clear and cool. Calm. Riding to the est tide. (Signed) f. K. Cogenell Link.

From I to & a.M. Clear, cool and pleasant weather, with light being from It of and W. Tide changed flood at 7:30 -

(Signed) Wainwight Kellogg

From & to Merid Clear, Cool, pleasant - Erest profe from N. M. W. & M. M. W. S. M. M. Sield day - Riding to flood - Banked fine under Six main boilers - Distitting - Received (11) eleven boyes of canalles in Taymaeter Lepartment - Plack water at 11.45 - Least forward, fourteen feet live inches - Draft amidelipe, fifteen feet - Least aft Sixteen feet live inches -

(Signed) Richard G. Davenport

From Meriod to 4 9.9M. Clear and pleasant weather, with light beege from n and W. Phip swrings to ett lide at 12.05.

(Tigned) Warniwight Kellogg

From 4 to 8 9.21. Clear Bool . Pleasant . Light Ev. M. W. wind at 4.50 lighted fine under the two remaining main boilers . at 5.15 Muslind cum at quartie and found Even Denvis (B. Maker) about without leave - at 7.20 Curing to flood -

(Signed) Richard J. Davenport

From 8 to Midnight. Clear. Good. Pleasant Galm. Thip riding to flood lide during watch. (Tigued) Wainight Kellogg. Lient.

Examined and found to be correct.

Asalvalken Lieut.

Navigator.

1	106	i of	the	UNITED STA	ATES Su	au	ue	id	Cul	ex"	u Max		9	ed	Rate,	6	Guns,
					2	lavy	1 Ela	ed	0	Fostor	y Mas	4					
-					1	0		-	-								
	Hour.	Knob		Courses stoured.	WINDS.	1		METER.		MPERATURE.	State of the	Forms of Clouds, by symbols.	Clear 10ths.	State	Esseri of the sa	I the year	About
			Puthon		Direction.	Force.	Ileight inches	in The	d. Dry	Air Wate Mate Bulb. surface	Weather, by symbols.	symbols.	Prop of	Sea.	Record of the so at end	of watch.	of the order
1	. м.					1	H	-	-								
	1				Event	,	2	1,	1		1						
1	2				West	2	30.2	2 4	1 45	7			10				
	3				0	"	30.2	1			"		"				
	4				"	4	90.2		11		,	1700	"				
	5				,		30.2	8 "	"		"						
	6				"	1	309	1	0				"				
	7					1	30.2		45								
	8				"	1	80.9		70		"		"				
	9		N		Calm	0	11	0	46	3 03	te	Cer Cum					
	10				" ware	11		4	1		"	cer cem	"				
	11				,	0	"	11	50			"	,				
N	00B.				"	"	"	0	53	100		4					
L	_								-								
	D	Vistan	ce rui	by Log since prec	eding Noon							knots	fath	oms.			4
				D. R. at Noon									,	~			
			-	D. R. at Noon										"			
				Observations at No	on (0									"			
				Chronometer from		utions	0						,	"			
				ng the time			hour, setting	to th	e								
				the Compass by Ar													
				the Compass by Az										"			
				ded during the proc									mil	lons.			
		ater			during the prec	eding 5	24 hours										
	W	Vater	remai	ning on hand fit for													
				ed during the prece							6 "	ous 16	15	lbs.			
				ng on hand at Noor							142	· 6	65				
-											172		60				
P.	M.																
	1				9.6.	01	90.28	52	54		1		10				
	2	7			"		30.78		56		"		11				
	8				"	2	80.20		"		11		11				
	4				"	3	30.25		0		"		11				
	5				Ev. 9. Ev.	2	30.2		0		"		11				
	6				"	"	,	1	11		to.	Ci Com	9				
	7					1	80.2	554	54		11	"	,	0			
	8				"	1	"		53		11	11	11				
	9				Calm	0	,	11	,		"	"	"	-			
	10		63		,	4	"		"		1	"	10				
	11				9,480.	1			11		"		11				
1	Mid.					1	30.2	6 11			"	"	11				
-											-			-			
	1	Long	tude l	y Chronometer fro	m Afternoon Obser	rvations	0						,	"			
	1	Long	itude l	y Chronometer from	n Observations		*										
		Varia	tion o	f the Compass by A	Amplitude obec	rved at	Sunset						,	"			
		Varia	tion o	f the Compass by		at							,	-			

Commences and until & a.M. Clear . Cool . Bright starlight . Light wind - at 1:15 suring to est. Banked fine under snain boiler. Distitting.

Thom I to & a.M. Clear and cool. Light & If air - Suring to flood tide at 7.80-

(Tiqued) J. T. Pullivan Link

From I to Merid. Weather clear and pleasant. Calm. at 10, hove in It 15 fathome on port clean and enacle preparations for sea. at 10.30 a toaid of officer consisting of Capt E. Y. Elle Caulay, Chief Engine Charles H. Lowing, Link Court Jeage T. Davie and T. a. Engine Butterworth came on toaid to witness the trial life of this weeks one the measured Quele. at 11 octobe called all hande up anchor. at 11.35 got under way and steamed down the harbor in clearge of Pilot - Old Fait Zachman came outoard and was placed under arret, for absence without leave -, by order of Done ! Officer

(Liqued) Wainwright Kellogg

From Meriod It 4 9.M. Clear and cool - Calme and light & 4 air. at 12:45 came to with port anchor, varing to 30 fathome chain in 8/2 fathome water. Obliqued to anchor on account of hot bearings and quadrant chaine being jamed. At 2:15 got under way again.

(Signed) J.T. Pullivan -

From 4 to 8 P.M. Weather clear and pleasant. Light aire from W. I. W. at 4.15 came to with front anchor of Hary Gard in G fathoms water and vered to so fathous of chain. at 4.30 the faced of officer to witure trial trip left the ship. at 7.30 ship during to flood tide -(Figued) Wainwright Kellogg-

From & to Widnight. Clear and cool. Calme and light I's air.

(Ligned) f. T. Fullivan -

Examined and found to be correct.

Acallacker, Lieut.

Navigator

		0	>											
LO	G of the UNITED STA	TES Ste	an	u	6	ed,	11,0				1	peo	d	Rate, G Guns,
			9	1	, 2	1	,	B	. ,	ou Ma				ouns,
_			/	ary	7	ac	oc	000	eco	u mu	u			
		WINDS.			BAROMI	ETER.	TE	MPURATU	H.	State of the	Vorms of	Steam Parket	State .	
Heu	r. Entin d Courses steered.	Direction.	Force.	Leeway.	Height in inches.	They	Air	Wet Bulb.	Water	Wheelbare	Forms of Clouds, by symbols.	P. of C	State of the Sea.	Record of the soil the would is under at end of watch.
	Peth			3	Between		Bulle	Bulb.	- Car			EFE.		
A. A														
1		W.9. &.	1		30.24	50	50			te	ciema	9		
2			'		1	B	4				*	#		
3			,		*	11	"		4	*	4	4		
4							"		A	9	4	4		
8		,			30.22				4		Cir Ita			
6			'			52	5/		A	",	11	9		
7			1			2				of	*	0		
8		,	11			"	0			11	"	4		
9			"		"		54			*	Cum	4		
10			4			54	*			4	"	4		
None		*	1		4	58			A	"	N	"		
Noon		1					57		A		4	11		
	The state of the s	V. V.												
	Distance run by Log since prece	eding Noon									knots	fatho		
	Latitude by D. R. at Noon													
	Longitude by D. R. at Noon Latitude by Observations at Noo													
	Latitude by Observations at Noc		12.00									,		
	Longitude by Chronometer from Current during the time				salesa	4								
	Current during the time Variation of the Compass by Av				r, setting	to the						,		
	Variation of the Compass by As			SERIFE	è								"	
	Variation of the Compass by Az Water expended during the pro-		at									, ,		
	Water expended during the prec Water		No.	-11									lons.	-
		during the prec	eding.	20 110	Tales .							44		
	Water remaining on hand fit for Coal consumed during the percen-										11	05	-	
	Coal consumed during the prece Coal remaining on hand at Noor									135	16	0	lbs.	
	Cost remaining on more as are									130	145	.0	*	1
P. M	B SE DIVINO							T	1					
1		9.80					4.				. 1	4	-	
2		7.W.	20		80.18			1000			cu the			
3		"	3		3019	62	G &			"	"	3		
4		#	11				65				"	"		
5		"	11		8012	"	"		A	'	"	"		
6		"	4		"					"	"	"		
7		"	"				69			"	,	"		
8		"	"		"	6/	57			"		"		
9		Calm	0		8015		55			ton		11		
10	-	" Watur	"		1070	,	00			ton		10		
11		,			4		"			"	4	"		
Mid			4			4	H			4	4	4		
-													1000	
	Longitude by Chronometer from	en Afternoon Obser	rvatio	0 40								,	B	
	Longitude by Chronometer from				*							,		
	Variation of the Compass by I		erved a	at Sur	net							,	"	
	Variation of the Compass by		at									,		

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and entil & a.M. Weather clear cool and flestant with light aire from I'd and W. at 115 Mich suring to est.

(Signed) Evainwright Killogg

From & to & a.M. Weather became overcast and foggy at 6-50. Picking to ebb. Hack water at 7.

(Liqued) f. K. Cogramer-

From 8 to Merid. Dericast. Sight EV. 4 aire. Prought to on post cliain and hove short at 10.15. at 10.50 toard of officer to wither trial came outrard. At 10.55 got under evay. Deaft forward 14 feet. Ried her deque to starboard.

(Liqued) f. T. Jullivan -

From Meria to 4 P.M. Made a trial trip over a emanued course of 1.42 mile and developed a enean enapimum speed of 10.18 miles per home. Lea Denoth, light breeze from S.W. Turno chip for deviation of compass. At 3.30 anchored off the Havy Gard in 5 fathous of water with So fathous on star toard chain. Found forward Rockshaft of Exam engine spenny. Weather overcast.

(Signed) J.K. Cogewell Lieut-

From 4 to 8 9.91. Overact. Fight S.W. It aire. Hauled fine from ender all the boiler at 5.20. Hack water at 7.30.

(Ligued) f. T. Fullivan.

From 8 to Midnight. Weather hazy. Calm. Suring to the food tide at 8.30.

(Figured) J.K. Cogewell-

LOG of the United States Steamer Estex" Such Rate, G Guns, Mary Gard Boston Mare

			1	-										
		AINDS			BAROMI	ETRR.	TEN	PERAT	TRE.	State of the	Forms of	Share Adha	State	
Hou	Knots of Courses	storred. Direction.	Force.	Leeway.	Height in inches.	Then, atr'd.	Alr Dry Bulls.	Air Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	of the Sea.	Report of the still the vessel is under at end of watch.
A. M		Calm	0		8012	55	55			te su	cum	5		
2		4				11	11				"	4		
3		,				,	"			4	"	0		
4		"				4	11			*	"	11		
5		,				"	54			"	*	4		
6		"			80.11	+	11			"	#	2		
7		,			30-10	54	0			osu	auntin	40		
8					11		"			"	"	"		
9		,	4		4	55	11.			ofer	Hint	4		
10		n. 6.	1			56	"			"	"	"		
11		"	1			,	4			"		"		
Noon			1-2			4	"			"	4	"		
											-			
	Distance run by Log si	ince preceding Noon									knots	fath	oms.	
	Latitude by D. R. at M											,	"	
	Longitude by D. R. at											,		
	Latitude by Observation											,		
		eter from Forenoon Observ	rutions	0								,	"	
	Ourrent during the tim				, setting	to the								
		ass by Amplitude © observ										,		
		ses by Azimuth © observed										,	"	
		the preceding 24 hours										gal	lons.	
	Water	during the pro	antina	91 h	ones.									
		and fit for use at Noon	- James		, me									
		the preceding 24 hours								1	/9			
										182	110	0	100.	
	Coal remaining on han	is at Noon								124	110	<i>u</i>		
P. M									T					
1		Calm	0		80.08	50	5.6			01	Himb	0		
		roalu								8	nuno	4		
2			"		9007		"			,				
3		,			30.00	,	11			,				
4		"	"		80.08	-	,			,	,	"		
5	100 100 100 100				00.08					"	,	11		
6			1		4	55				,,		11		
7		"	11		4		4			"	"	"		
8					-					,	-	10		
9			11		30.10		0			7	"	10		
10			"		-	"		-		-	,			
11					4	H	1			4		11		THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU

Longitude by Chronometer from Afternoon Observations ⊗		
Longitude by Chronometer from Observations *		
Variation of the Compass by Amplitude observed at Sunset		
Variation of the Compass by at	,	

Mid.

The following recommendations for Petty Officer alm. Suring to an made in conformity with General Order no 197 of Thelivan of the Hary Department- Viz-Steam on lur Dennis L. Lowney Lea to Boatenaing Water chard g. Davenport folm L. King " Junes " Charles Green from M. C. Riding · Quarter Martin Lutter Baker · Cogswell -William Walken Otean Huntine able . Thick fog . " June ue, and trave fund Michael Cleary Sommandant of Teler Franke ue transfund · Yeoman William B. Spence (Lea) Want , folimeon (?4) Phips Writer Lou Charles H. Moullon vilue - Tent Rock. Ichool Waster Benj Q. Low ed g. Davenport Carpenter Male Nicholas Domail Tailmakers " Jenge C. Caswell Received 6 cares Captain Hold Vave Ever Johnson (W.D. S.) Foleple Barry efetting lobacco Lavid Dallon This Cook Ord " 2º cl Tainta Bogswell_ Limt-Ide C. a. Chase Thomas W Hackett amoree I last part of Thips Tailor Henry Foeler ung lo flord . Bugler Selac Fassett e g. Davenport. Cooper Edward Cass Carpenter Patrick & Care Maurice Clark Capt Forecastle Lea William anderson Maurice Rowan · Tope John O'Heil

George Meyer Lea lo Captain Tope

We further recommend Thomas Kelly (Sea) for the eating of Capt of Tope, from and after the date, in place of george Meyer; whom we recommend to be directed and transferred to the Watash, he being toold to perform the dutie required -

Arawarker. Lieut Com de. Arawarker, Lieut. Richardy Aaren part Lieut.

appeared & ordered.
W. S. Schly Com de Com de

alm. Surang to

Please on lur

chard g. Davenport-

from M. E. Riding

Cogewellable. Thick fog. ue, and transferred Commandant of we transferred (La) Evant, folimen (Ring) boiler - Tent Rock.

ed J. Davenport Received 6 care Vave Ever Johnson (w.o. 9.) · efetting lobacco

Gogewell_ & last part of ung to flood -

e g. Davenport.

Zenge Meyers Lea to Caplain Tope

Commences and entit & a.M. Weather hazy - Calm. Suring to

From & to & a, M. Owneart. Cool. Miety. Calm. Train on tur foilen. Dictitting. Riding to ett.

From & Si Meriol - Dense fog. Wet. Light beuge from M. E. Rishing Sort the flood lide - Turned flood at \$20.

From Muid to 4 9.84. Doucast. Calm. Disagnable. Thick fog. al Leaman to Receiving Thip "Watach", by order of Commandant of Lation. at I swring to est. The following were ever transfound from the "Watash" to this ship. Thomas Kelly (The Watt, folium (24) and &d 9, Bucke (Role) - Heating slip with live boiler - Sent Rock.

shaft on show for repairl -

(Figured) Richard g. Davenport

From & to & Thick deipping fog. Balu. Received 6 cares of Marine clothing from Marine of Hard Gard. Gave Ever Johnson (200.9.) & house extra duty, by order of Com of Office, for existing lobacco frice in 2 and cutter.

(Signed) J.K. Cogswell-

From & to Midnight Foggy - Good Galu. Starlight last part of watch - at 8.30 started distitling - at 9-15 suring to flood.

(Figurd) Richard J. Davenport-

Examined and found to be correct.

Acalvalker, Navigator

Havy	Efaid	Poston	Mari

of the roll the vessel is under at end of which.

				-											
			WINDS.			BATICOGS	ITER.	TEN	PERATI	CER.	Control of the	V	lear the	-	
Hour	Knots. Knots.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Alr Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 16ths.	State of the Sea.	Beoord
A. M						1.0									
1			Calu	0		3007	G2	GI			to	Hint	0		
2			,			"	"	11		4/4	0 "	4	4		
3			,	,		-	R.	59	3		"	,	4		
			,	,		11	11	4			//	4	4		
4			,			3005	06				1				
5						2000	G X				7	4		-	
6			,	"				60			"		W		
7			"			,		4							
8				4				"			<i>u</i>				
9				"								"	10		
10			n	1		*		#		-	"	41	11		
11		-	n.E. 9.E.	/			*	41		-	"		11		
Noon.			9.6.	1		*		*	-		*		"		
-			-						_					-	
	Distance r	un by Log since prec	eding Noon									knots	fath	oms.	
	Latitude b	y D. R. at Noon													
	Longitude	by D. R. at Noon													
	Latitude by	y Observations at No	on O												
		by Chronometer from		rations	0										
		uring the time				r, setting	to the							19.5	
		of the Compass by A											,	,,	
					Duin!	ioc							,		13
		of the Compass by A		2 85											
		ended during the pre											gai	lons.	
	Water		during the pro	ceding	24 h	ours								•	-
		naining on hand fit fo													
		amed during the preo									131	17	5	lbs.	-
	Coal rema	ining on hand at Noo	X								131	" 92.	5	46	
P. M.															
1	3		998	2		30.02	04	61			1				
9	100		9.9.C.	11		0001	"	63			8				
3			,	,		,	,	11			,				
4				11											
5			9.8.			11	,	,			"				-
			7.0.	1		"	-				,	-			
6			"	"		"	63				,				-
7			"	"		"	1	GO	-		-			-	
8			0	"		"					"				
9	1		Calu	0		30.04	"	59			11				
10						"	4	58			11				
11			*	11		"	"			3	"				
Mid						11	GZ	"			"				
-			-	-					_						
	Longitud	e by Chronometer fr	om Afternoon Obse	rvatio	DE (9)								,		
		le by Chronometer fr				*							,		
		n of the Compass by		erved	at Su	neet							,		-
		of the Compass by		at									,	*	
				-											-

, U. S. Navy,

1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and suite & a.M. Weather foggy and rainy. High water at 245. Calm.

From & to & a.M. Weather foggy - Calm Ship suring to ett lide during water -

(Ligard) Wainwight Kellogg.

From 8 to Meriod. Foggy- Light variable benge. Cool. Distilling with live boilers - at 9.30 summered cent at quarter - at 9.40 luring to flood. Forward Rock & haft' received on board. Men from Havy Gard working on high pressure cylinder. (Ligned) Richard G. Davenport Rint.

From Muriol to 4 9,900. Weather foggy. Light being from I dand 60 and form the sure of engaged in making repairs on engine. Distitling tur main boiler.

(Figured) Wainwright Kellogg -

From 4 to & P.M. Thick fog. Cool - Disagenable. Light I.C. buy. Riding to ett. Mun from Havy Gaed working on high pureme cylinder. Distitting two main boilers.

(Tiqued) Richard G. Davenport

From & to Midnight. Thick foggy weather. Balm. Rip suring to flood at 10 octock. Worksmen from Hary Gard ingaged in making repairs on engine. Distilling two main boilers.

(Tigued) Wainweight Kellogg -

Examined and found to be correct.

AsaWalker, Navigator

LOG of the United States Steamer Exsex" 3rd Rate, 6 Guns
Nauy Yard Proclon Man

		/	1										_	
		WENDS.			BAROMS	ETER.	TES	EPERAT	UNE.			11		
Hau	r. Knots. # Courses steered.		1	6	W.L. Sale	7-	Ale	Air	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the ressel is under at end of watch.
	Father	Direction.	Fures.	Leeway	Height in inches.	att'd.	Ale Dry Bulls.	Wet Bulb.	Water at surface.	el el moure	ay annual	部	COL	
			-	-				-				-		
A. 1	M.	0					133			,				
1		Calm	0		30.02	62	G 2		9	7		10		
2					30.01		11			"		11		
3		,	"		90.00		4			"		4		
-					30.00		at .			"		4		
4		11			-					1,	B			
5		"	"		29.98	4	4			fol	Nint	0		
6			"			11				"		4		
7		"	4		29.96		4				4	4		
8		C.	1		,	11	11			4		4		
		n.6.			1005	Gå	"			"	"	4		
9		2.6.	1		",	4						"		
10		*	2	-	29.94	"				•	"			
11		6.480.			29-92	.4	"			"	"	19		
Noos		"	11		"	65	#			"	"	11		
	Distance run by Log since po	receding Noon									knots	fath	ome.	
	Latitude by D. R. at Noon												"	
	Longitude by D. R. at Noon											,	"	
	Latitude by Observations at 1	Noon ©												
				^								,		
	Longitude by Chronometer fi													
	Current during the time	knots fi	ns. per	pon	, setting	to the	•							
	Variation of the Compass by	Amplitude @ observ	red at f	Sunri	ie								*	
	Variation of the Compass by	Azimuth @ observed	at										. "	
	Water expended during the p											onl	lons.	
		-										8		
		during the pre-	coding	24 h	,qrs							-	-	
	Water remaining on hand fit	for use at Noon												
	Coal consumed during the pr	ecceding 24 hours								1 00	ns /7	25	lbs.	
	Coal remaining on hand at N	oon								129	19	80	#	
										14	100			
D M								1	T					
P. M		0.4												
1		8.421.	1		29.90	63	65			fol	Unint	0		
2		"	1		29.88	62	G/			"	11	11		
3		"	1		29.88	GI	GO			,	11	"		
4		"	,							,	11	"	777	
-			1		29.86	11	59			,	-	"	-	
5		9.6.	/		39.84	#	11	4		7	"	4	-	
6		"	2		29.85	11	11	3		"		"		
7		"	"		19.22	11	"				"	#	13	
8		"	4		1	GO	11			"		"		
9		1					,		1		"	"	-	
		M			,	"	-		-	fd	-			
10	-	(disa)			"	11	"			"	"	4		
11		(92			29.00	11	4			"	"	4		
Mic	L	0	1		"	11	4			4	4	"		
Person					-									
	Longitude by Chronometer	from Afternoon Ot-	must	. 0							,	,	-	
			ratiot								-		-	
	Longitude by Chronometer				*						-	1	-	
	Variation of the Compass b	y Amplitude obs	erved a	t Sur	set							,	"	
	Variation of the Compass b	7	at									,		1

Communes and until & Q.M. Thick fog. Disagreeable Balu . Riding to flood . Flack water at 3.40. Man from Havy Gard working on high fulleum cylindu - Franked file under two main boiler .

(Tigened) Richard J. Daverport

Flow of to & a.M. Foggy- Deigsling rain. Calm. Turing to est lide at 4-10. Navy Gard work new on board repairing engine.

(Signed) f. CT. Fullivan -

Flow 8 to Muist. Foggy. Drigging rain. Light aire from not and 8th. Ship luring to flood liste at 10.25. Our Havy Egard workman on toard engaged in repairing engine. Distitling with him luain toiler. Part Zachman relioned to duty by order of County Office. at 9.80 unelied one at greature. qualle.

(Tiqued) Wainwright Kellogg.

From Merid to 4 9.20. Foggy - Deigsting sain . Light Ety air . Brought to on Clarboard chain. Received stone in Paymortin Department and for Maine Justol -

(Tigued) f. T. Pullivan Lint.

From & So I. Weather foggy with light buye from Found & d. at 4.20 hove up and cleaned Clarboard anchor, let go fort anchor and vend to 15 fathome of cleain. Distilling with the suain boiled. Vinyard field came on board. (Figured) Wainwright Kellogg.

From 8 to Midnight Foggy. Dursting rain. Zight varible aire. Swrung to flood tide at 18.30. Stopped distitling at 9.30.

(Signed) f. T. Fullivan.

Examined and found to be correct.

AcalVacker, Navigator.

LOG of the United States Steamer Essey" grd Rate, 6 Guns Steaming out of Boston Harbor.

						-		0						-	
	100	201		WINDS.			BAROME	TER.	TEN	PERATURE.			Clear 10ths.	-	
Hour.	Knota	Fathorna.	Courses steered.	Direction.	Force.	Leerny.	Height in inches.	Ther.	Air Dry Bulb.	Air Wab at Bulb. series	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the Sea.	Record of the rail the vessel is under at end of watch.
A. M.				Calm			10.00				1				
1				Value	0		29.78	62	60		7,				
2				"	"		19.75	"			1.	Himb	0		
3				"/			19./2		62		TI	Auno-	0		
4				"	1		"	"	W		"	"	"		
5				,	"		"	"				"	,		
6					11		39.70	64	G4		,				
7				m, Ev.	1		29.67		4		07	au Sim			
8				11	1		39.65		"		"		11		
9				,	/		29.68	111	4		0		"		
10					1		39.65	4	63		"	*	"		
11					2		29.62		62		te		1		
Noon.							N	4	61		"	"	*		
-													-		
	Distan	ce run	by Log since prec	eding Noon								knots	fath	oms.	
			D. R. at Noon												
			D. R. at Noon										,		
			Observations at No	an Ø									,	**	
			Chronometer from		outions	0							,		
							r, setting	to the							
			ng the time					10 411					,		
			the Compass by A			cunr	ine						,		
			the Compass by A		at								- mil	llons.	
			ded during the pro-										gu	ii.	
	Water			during the pre	ceding	24 1	SILIO								
			ning on hand fit fo												
	Coal e	onsun	ed during the prec	oding 24 hours							5,	tous // 0	15	lbs.	
	Coal :	emain	ing on hand at Noo	n							124	" 27	5	**	
P. M.			(18.88.6)												
1				n.w.	1		29.63	64	GS		be	Ci Cum	6	8	
2				"	1	1	1	4	,		"		7	11	
3	7	6	98.46% 6	4	2	196		62	61		,	,	9	11	
4	9		9.6.48%6.								,		"	4	,
5	10	00	variable	n.4 w.		133	,	65	65		,		7	"	Itian -
6	4	0	"	m.w.		13			10		"		4		
7	4	0	9.6.46/46		1			"					6		
8	5		2,0.00770.	"	1		29.60				"	"	8	11	
9	5	0					397		G			"	-		Iteam -
10		6	. of of	"	3	1	771		55	100	"		2		
11	64	0	4 2 3 0		"	-		00			11		5	1	
Mid	1	0	On the	"	"	-	17.7	5	55.		"	"			Iteam-
Bit	1	0	20		-		1	0	0.			1		1	- reun-
		2/ 10	1-19	10 0									,	,,	
			by Chronometer fr		servati	ons 6						-	,	-	
	Lon	gitade	by Chronometer fi	rom Observations			*						-		

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Communes and while & a.M. First part of water thick fog. Later part foggy with heavy shower of sain. Calm. at 215 started fine sender all serain boiler.

Figurel Wainwright Kellogg -

From 4 to 8 a.M. Weather rainy and foggy. Cleaning in latter part of water. Baroweter falling. High water at 4 oclock. at 4.30 suring to the flood. At 5.30 Tilot came on board. Light air from U.W. (Ligned) J.K. Cogswell.

From 8 to Muid. Doucast first part of watch. Cleaning weather with M. W. If aire latter part. Impected our at quarter at 9.30. At 10.30 versed to 30 fathorns on part chain. I pread first at 1040. At 10.45 frong lit to on frost chain. Tunned engine at 11-10. got

sunder way at 11.30 and stood out of harbor, Filst on board. Deaft of slip, 13 feet 9 in forward, 14 feet 7 in aindelight and 16 feet aft. (Figured) J. F. Fullivan.

From Muid Lot 9.8M. At 2.10 Minote Ledge Light house bore (pc) W. 14 A, distant four suiter. But ship on his course. At 1.30 the harbor pilot left the ship. At 2 loosed and enade sail to topsaile. Truled sail at 4. Temp of bunkers 90°. Hiam persture 18th. Revolutions 54-3. Pleasant weather - Light buye from U.W. Land in sight (Bape Bod) of Starboard ham. At a changed course to 9.6.4 6, 1/4 6.

(Figlied) f. K. Dogswell.

From 4 to 6 9.M. Clear Cool . Pleasant . Light Pl.W. wind . at 5.10 slowed engine, but bearings . At 5.15 stopped engine . At 5.25 ahead slow. At 5.55 ahead fast. Temp Coal Bunkers 102°. Average steam freedom 18 bb. At 5.20 Highland Eight fore 9.W. 12 9. Perolutions, the 5, 58, 5to 6, 38. At 5.45 feet over patent log . At 5.30 W.S. Tallaposta hassed bound for Boelow. Highland Light fore (pc) W.W at end of watch.

Signed) Richard G. Daverport.

Flow G to 8 9.M. Clear pleasant weather: Morrelight. At G-10 sighted Mansette Zight. At 7.45 sighted Chatam Zight. At end of watch Naueste Zight fore U &V. 4 U. Chatteam Zight I. W. 4 9, Lost patent log over board. This steaming slowly on account of hot teamings.

(Signed) Wainweight Kellogg.

From 3 to Midnight. Bless and cool. Light I.W. of airs. Quening on havings to Vollock Rip Light Ship. Moon set at 10 octock. (Signed) J. T. Sullivan-Examined and found to be correct.

Asalvacker, Navigator. dient.

LOG of the United States Steamer Elly" ged Rate, G Guns Holmer Hole, Marthai Varyard.

							-	-	_	-	
Hour. Knots of Courses steered	WINDS. Direction.	Force.	Baltoni Beight in inches.	-	Me	Alr Water at bulb. surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Ecoord of the sail the ressed is under at end of watch.
A. M.	6 0						,			0	
1	n.w.	2	3076	56	55		te "	ai gh	8	8	
3	,	11	"	"			4	4	4	4	
4							11	^	4	4	
5	Ev. 9. 2.	4	30.78		56		"	Cir Com		11	Banked fine
6 At Auchor		4	30.76	*	*		*	"	4	-	
1 Holmed Hole	. "	4	"		" "		"	"	3		
8	,	11					te.	4	26		Banked fine.
9	,	3	"	4				Ci Com Him	1		o. megate your.
п	4	4					ogr				
Noon.		7	"		*		teg	*			
Distance run by Log since	recoding Noon							knots	fath	oms.	
Latitude by D. R. at Noon											
Longitude by D. R. at Noo											
Latitude by Observations at	Noon ©									"	
Longitude by Chronometer									,	"	
Current during the time			hour, setting	to the	9				,	"	
Variation of the Compass by Variation of the Compass by			Sunrise						,	"	
Water expended during the		T. MI							gal	llons.	
	during the pre	ceding	24 hours								
Water remaining on hand f	t for use at Noon									44	
Coal consumed during the p							9,1	" 79	20	Ibs.	
Coal remaining on hand at	Noon						114	" 79	2	-	
P. M.	-1										
1 at auchon 2 Holmi Ho	W. 9. W.	7	29.74				te	ai am	5		
2 1/4 1/		11	"	60	59		,	"	1		
3 Holmi Ho	4		10 -	61	Go		,	"	"		
5	9549	5.6	19.75	GI			,	Cum Va	-		
6	, ,	1	29.80				"	1			
7	w.u.w.	5	29. 81	1	57		"	"			
8	"		29.80	. "	"		"	"	"		Iteaming-
" G 2 Variable	e &.4 %.	1	1990	_	4		oc		0	Ru	Gleaning-
11 7 6 9.80.4	2 - 2 - 2 - 2 - 1	- "	29.9.					"	"	"	hit List of
Mid. 6 4 "	w. w. w. w.	4	29.9:	6 "	55			4	4		fit, fout main
		1	1.10	1					1		,
Longitude by Chronomete		ervation	ns ©						,		
Longitude by Chronomet			*								
Variation of the Compass		DESCRIPTION OF									
Variation of the Compass		at	at Sunset						,	*	

Commence and until & all. Clear and pleasant. Bright starlight. Standing through Marthal Vinyard Found under direction of Vinyard pilot. At 3.50 made preparation for coming to anchor in Holene Hole. Itiam pressure 70 the . Cevolutions 40. Temp Bunker 95° [Signed] J. N. Cogswell. Sint. From 4 to 8 a.M. Cloudy . Bool . Pleasant. Light w. I. w. buye . Bir Chum cloude . At 4.25 came to anchor off Holene Hole, in Vinyard Haven, to enable engineer to change brasse of after crant pin . Banked fired. Ret go the port anchor in 81/4 fathome water vering to 30 fathoms on foot chain. West Clark Glight fore (pc) N.W. Hw. and Noteka Light bore (pc) N.W. Hw. and Noteka Light bore (pc) N.W. Hw. and Noteka Light bore (pc) H. W. H. H. Gusture of steam 30 lbe - Tunk Coal Bun kur 94°. (Tigued) Gichand J. Davenport. Florie 8 to Muid. Weatur variable. Clear and pleasant with passing squalle of sain and wind. Fresh buye from W. I. W. at 9.30 crew at quartiel. Cugaged in engine soon in fitting one bearing for engine. Ban fed fine. (Figure) Wainwight Kellogg. From Muid to 4 9.91. Clear and pleasant. Blowing fuel from EV. I. W. Under banked fine -(Ligued) J. T. Fullivan. From 4 to 6 9.M. Blear and cool. Thong fuze from EV. 4 9. Muelited at quarters at 5. Riding to the lide, unning strong flood. Barometin sieing. Than freedenic 19 lbe. (Tigued) J. K. Cogswell-From G to & P.M. Cloudy Gool . Pleasant - Fresh W. H. W. wind . Cie aun clouds. at 6:50 engine reported ready. at 6:55 called all hande up anchor. at 7.10 got underway and steamed out of harbor. arrage sevolutions 40. Temp Coal Brunkers 100: Steam pecesine 64 lbs. at und of watch Jay Head Fight bore (pc) 9.20, 420, 1/2 W. Tarpoulin Cool bore (pc) W. Hobika Light bore (pc) N. E. 1/4 E. West Chop Light bore (pc) 9.6.7 E. (Signed) Richard J. Davenport. From & 17 Midnight. Weather overcast with feel wind from Wod-First live house of watch steaming down Vinyard Sound. at 10, feet over patent log and kept away to P.W. 4 W. at 10, look departies gay Head Light Having (fie) 9.6/2 6 distant four wiles. Cutty hunk Light bearing (tec) It. 4 W. at 10.15 Let fit, Fore and Maine Try laile. Patent log at end of evatele showed 131/4 miles. average sumber of revolutions during water 48-8-

Examined and found to be correct. Signed Wainweight Kellogg.

Acqualker, Navigator.

LOG of the United States Strame "Esty"

at Sea-

				WD06.			BAROMI	TER.	TEN	PERAT	CER.			Pres.		
Haur.	Knots		Courses steered.			5	Water	The	Alr	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Cle	State of the Sea.	Becord of the soil the westel is under at end of watch.
		Pathon		Direction.	Force.	Leens	Height in inches.	Then, att'd.	Dep	Wet Bulb.	85	al design		Prop.		
		-												1		
A. M.			11.	0 -0				1				1		1	1	177 1
1	6	2	9.W. 7 W.	W. W. W.	1		29.96	56	53			0	ann	0	1	fit, tore & main
2	6	2	"		6			"	11			"	"	"	19	" Irysail
3	G	4		"	5		"	54	53		-	te	"	2	4	Than ku
4	7	0	11		4			52	51			"	"	5	4	& Fleam -
5	6	4	4	EV.48.	4		30.02	59	"			"	4	4		
6			4	"	4		30.0%	4	11			4	"	3		fit. Fore top stay sa
7	6	2	4	"	4.5			54	"			4	"	2		Trysail & Spanker
	6	2	"	"	"		90.0€	"	11			"	"	11		,
8	6	2		"	65		80.01	11	52			"		11		Grean -
9	6	0	"	"			20.00	"	"			"		"		
10	6	0			#		-		"			,		"		
11	5	6	4		"			53	-	-	-		"	,		on o
Noon.	4	0	*	-	"		30.09	."	.11	-	-	"	"	×		Fore Try Rail.
-								-			-				-	
	Distan	ce ru	n by Log since prece	eding Noon								1001	knots	fith	oms.	
	Latitu	do by	D. R. at Noon												"	
1	Longit	nde b	y D. R. at Noon												*	
	-		Observations at No.	On (O											"	
		-	y Chronometer from		utions	0										
	-		ing the time				r, setting	to the								
			the Compass by Ar													
														,		
			the Compass by Az		-									-	lons.	
		exper	oded during the pres		-	0								Bal	and the same of	
	Water			during the prec	oding	24 h	OULS							33		
			ining on hand fit for													
			ned during the prece									12 "	as 17:	5	lbs.	
	Coal r	emair	ing on hand at Noo	n								101	120	0	11	
	-	-								-					-	
P. M.					3											the state of the state of
1	89	0	9.w. 4 w.	Ev. 48.	5.6		30.07	53	52	-		te	Com	5	ne	
2	6	4	9.80. 4 M. Kar		4		"					"	#	4	11	
3	4	6	1	4					4	201		4	4	3	19	The state of the s
4	8	0	4				30.02		4		37	"	Cuurtin		4	Itaming-
5	8	1	"		"		10.00	,	51		7	tog	"	1	14	Glean & be Try sail
6		*		"			9			-	-	, "	4	1	4	ream voce syear
7	9	0			"			53		-		te	-	1	0	051 AF 1
	9	*		"	6		30.15		51	-				40	4	4. Top Stayeout
8	9	4		w.n.w.	N		30.17		"		-			3	"	Thanker
9	9	0	9w.74.74		"		30.20	58	53			"	-	3	"	7. Top stay sail
10	8	0		"	4		80-23	"	*		100	"		4	11	Main Try Rail
11	7	0	11	"	5		80 25	52	51			"	"	4	11	Spanker
Mid.	8	0		"			80.26	51	50			"	"	3	"	Heaving.
-					-			-	1	1		-	-	-		
	Long	pitude	by Chronometer fro	m Afternoon Obse	rvation	D 40								,		
	Long	gitude	by Chronometer fro	on Observations			*								"	
	Vari	ation	of the Compass by	Amplitude obs	erved i	at Su	nset							,	*	
	Veri	intion	of the Compass by		at											
			and an address of		-											

Communer and until & a. M. Overcast first part of watch. Party cloudy weather and bright startight latter part. Let the spanker at 1280. Made Oblock Leland Light at 12.50 treasing &v. at each of watch it bore 4.4W. Ship fritching early into a heavy head sea. Temp Coal Armhur 45° Steam pressure 66 lbs. Geordeline 40. (Pigned) J. T. Pullivan Junt.

From 4 to 8 a.M. Good and Cloudy. Fresh buye from W. 4 8. This steady. Thing Coal Bunker 75°-

(Liqued) f. K. Cogewell. From 8 to Mirid. Cloudy Good Pleasant Fresh W. 7 21, wind and cum clouds. at 9 exchanged color with filet foat 4911. at 9.30 Muelied and suffected at quarter. Division exercise as follows, 1th Div-cast loose, 2 and Dir Cart loose - Towelle Dir Glatione - Marine Small arms - at 10:55 stopped engine to key up have of after crank - at 11:10 started alread - amage

Steam person 75 lbe - Gerolutione 45/2 - Truck Coal Bunkers 920-(Figured) Victional J. Davupott

Thom Mirid It 4 9, M. Weather clear and pleasant with fresh W. J. Huye at 12:25 changed course to Iw. Harker. Hauled in potent log, Mound the wille, West it. at 12:30 look in all fore and aft sail. Detailed folm Willmone (B) and Charles Owner (B) for duty in five loom. At end of Evalile patient log showed 2x exites. Average sumber of swolutions for evalue 50. Theam pussure To the . Temp Coal Bunkers 950-(Tiguest) Wainwright Kellogg.

From 4 to 6 P.M. Cloudy and equally first part of watch. Cleaning latter part Wind fuel from the W. It main hydrie at 5 octock. There of Coal Brunkue 95? Revolutions 53. Theam pulled 67 bl.

Figured J. T. Fullian.

From 6 to 8 9.M. Cloudy and cool. Phong beege from U. 4 W. Furling. Possometic rising. At 6.30 Let fore and aft sail. Fulled fitaty. This steady, Sea rough. Steam pusture 66 4. Genolution 55. (Figure) J. K. Cogswell.

From & to Midnight . Cloudy Good . treel . Ev. W. wind . Cum Mint cloude Oct & changed could to the you of the Quet patent log and put it over-UN 12 hauled in patent log which showed so kules, put it over again Talled a Schooner bound to the I'd and Evel average Steam pressure 55 lb - Temp of Bral Benker 93° Revolutions 46-3-(Figure) Gichard J. Davenport

Examined and found to be correct.

Acalvalker, Lieut. Navigator.

17 tous 2120 lbs.

Rate, 6 Guns

all-

LOC	G of	the	e United Sta	TES Stea			Ġ.	2	ly'	,		8	ed		Rate, 6
_		-			-	cr									
Hear.	Knot	Puthona	Courses storred.	Direction.	Force.	Leerny.	Height in inches.	-	Alr Dry Bolls	Ale Wet Bulb.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, is 10ths.	State of the Sea.	Record of the sail the v
A. M.	4		92 42 NE	- Ev n w	5.6		30.27	53	50		te	Cum	2		True lopena
2	6		"	"			30.28	. 11	49		"	"	11	100	Stay sai
3	8		4	"	"		30.30	50	48		"	"	5	-	try sail &
4	7	4	"	"			"	"	"		"	4	7		Hiam
5	6	4	"	n.w.	"		30.34	11	11		*	"	6		
6	fo	9	"				30.36	"	"			"	11		
7	3	3	Ev. 9. Ev. 1/4 Ev.		"		30.38	49	-			"	5		N. P. S.
8	6	0	"		"		30.40		"		"		4		
9	6	4	w.n.w.	"	5		90.42	50	50		"	"	11		
10	6	,	21 W. 4 W.	4	"		90.45	51				"	3		
11	6	2	91.	"	"		11	W	11				2		
Noon.	6	4	21.4w.	,	"			.11	"		,		*		
	Dista	non F	m by Log since proc	eding Noon				-				knots	fati	homs.	
			y D. R. at Noon										,		
			by D. R. at Noon											"	
			Observations at No	on O									,		
			by Chronometer from		vations	. 0							,		
	-		ring the time				r, setting	to th	e						
			of the Compass by A										,		
			of the Compass by A										,	**	
			ended during the pro		ni ni								91	llons.	
			more aming one bea	during the pre	nilia .	911	OTITIE						D.	44	
	Wate	-		manning me per	coming	AND D	ome								The same of the sa

_	_							-	-	-		_	
P.M.		THE RESERVE											,
1		21, 4 W.	21.8.42.	5	3042	51	51		te	Ciaun	8	8	Llean
2		Variable		4		4	"		,	4	9	4	
3		11	"	#								4	
4		"	"	"	,	4					4	4	
5		"	M.w. 4 2.	4		"			"		"	"	
6		"	"	2	"					"	4	0	
7		0	"	"	4	52	52			Cie			Heam
8		2	"	1	30.44	54	53		*		"		
9	100	Quelum	In, w.	1	3049				"	Cie Cum	8		
10		4	"		"	50	40		"		7		
11			"		"		"	4	-	"	11		
Mid	No.		"	4	"	"	"	19	"		11		

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Water remaining on hand fit for use at Noon

Coal consumed during the preceding 24 hours

Coal remaining on hand at Noon

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commune and until & a.M. Weather clear and pleasant with fuch W.M.W. wind- Mom let at 12.45. at 12, got a heave with deep sea lead, sandy bottom at 20 fathores. at 2, got a heave with deep sea lead, sandy bottom at 25 fathores. at 4, got another heave, sandy bottom at 22 fathores. Detailed W. 9. Brunan (B) for duty in fire room. Patient log at end of watch showed 55 /4 miles. (Signed) Waringlet Kellogg. From & to 8 a.M. Clear and cool - Wind fresh from the He and Evol. at 6 oclock got a cast of the lead in 23 fallows of water. Fottone white lande, black specke. at 7.50 stopped engine to allow bearings le cool, and at same time got a cast of the lead in 18 fatteome of water, bottom white land blacks picke. Gevolution 48. Ilean fluesure G& lle - Temp Coal Bunker 900 (Tigued) J. T. Julivan Trong to Muid. Good and cloudy. Tresh W. W. here. at 9.15 sighted land and Fernack Light bearing (fec) &v. got coundings every home from 9 a. In. 17-18 and 10 fathore. at 10.45 sighted Cape Henerpen Light, bearing (pc) U. U. W. at end of water Cape Heyeopen Light tole (pc) U. W. distant about 7 wills. Revolutions 51. Steam presence 69th Gave Evan 9. Oreman (O) one home extra bollout, by order of Coming Officer, for being carry on bette deck. (Ligued) f. K. Cogewell. From Muid to 4 9. M. Clear Cold Pleasant Freele & Ev. 4 Ev. wind. ai ann cloude. At 12:55 Stopped engine. At 1 Delaware Filot came outrand. At 1.05 Started alread four belle. Flood tide. Average stiam presence 6 & ble. Average swolntime 57. Temp Gal Aunter 970. (Figures) Pichard J. Davenport-From 4 to 6 P. M. Weather clear and pleasant with feele buye from not and Evel. Thaning up Delaware vay- Gigard Wainweight Kellogg. From 6 to 4 9. Ml. Clear and pleasant. Light Kell of airl. Anchored at 6.55 in the Delaware Giver. Came to with fort anchor in y fatherne of water, vering it so fatherne chain. Franked fine and communed distitling. Oreanings at anchor. Franked W. &v. Georg Leland (Sight F.W. 1/2 4. (Signed) John T. Kullivan. Limb

Examined and found to be correct.

List of Michael Strange Strange freshere 20 lbs. Temp Goal Bunkeye. 45°2

Examined and found to be correct.

(Liqued) f. N. Gogssvell. (Liqued) f. K. Cogewell Lient Asalvalker, Navigator.

LOC	of of	the	UNITED STA				uing		1	9	5	elawa	u q	in	u-	naic, Ø
	Knots	,	Courses storred.	WINDS.			BARCOE	ETER.	TEM	PURAT		State of the Weather,	Forms of Clouds, by	of Clear is 10ths.	State	Ecord of the suil the resact is as end of watch.
David.	Allota	Pathons	Course semi-	Direction.	Feros.	Leeway	Height in inches.	Ther.	Air Dry Bulb.	Wet Bulb.	Water at auction.	by symbols.	symbols.	Prop.	Sea.	
A. M.				0				1				,				
1				Calm	0		90:43	48	45		,	te	Cie Cun	1		
2			ahadia.	7.	1		11	11				"	"	+		
3			Que	"	1		0/	*	"				"	1		
4			You.	B. A	"		2045	"				"	"	10		
5				u.E.	/		20.75						Cie Mins	8		
6			0	"	2		20.42		"			ec "	Cie Minis	"		
7			Vac.		11		30.70					"	"	"		Iteauing.
8			"		"		"	6/	,			"	"	"		maning.
9			*		-				46			"	"	4		
10			atauela.	,	/		30.38					ah		"		
11			Quela		,		20.57					or "	"	,		at auction
Noon.			٠.					ירנ	50							cor cuccac
	Latito	de by	n by Log since prod D. R. at Noon	eeding Noon									knots	fisth	oms.	
	Longit	ude b	y D. R. at Noon													
			Observations at No											,	"	
			y Chronometer from													
			ing the time				r, setting	to th	0					,		
			the Compass by A			Sunri	ise							,		
			the Compass by A		ist											
	Water	exper	oded during the pre											gal	llons.	
	Water			during the pre	coding	24 h	ours								-	
			dning on hand fit fo										11		65	
			ned during the prec									10	u 20'	0,0	Ibs.	
	Coal r	riamo	ing on hand at Nox	00								72	. 70.	×O	"	
P. M.							138									
1				N. C.	2		8020	52	51			oc	Hint	0		
2				,	,		90.20 90.23	11	49			"	0			
9			0,, ,		-		9	N	,			11	11			

P. M.									
1		R. E.	2	8020	52	51	oc	Hint	0
2		"	,	30-23	"	49	"	11	
3	Moored.		4	80.20		,	"	"	
4			1	30.18	"		"	"	
5		"		"	1	"			"
6		n.n.C.		"	11	"		4	#
7		"	"	"	51	-	"	"	
8		"	"	"	11	"	or	"	
9		"	"	30.20	54	50	"	"	"
10		"	1	"			"	"	*
11		"	1	"		"	od	"	"
Mid.			1	*	"	"	"	"	

Longitude by Chronometer from Afternoon Observations ⊗

Longitude by Chronometer from Observations *

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Contpass by

al

Communes and until & a.M. Clear Cool. Pleasant. Light 94 huge. Cie Cum cloude. Priglet surveilight entil 2:20 when the Set. Average steam pressure 12 1/2 the Temp Coal Bunker 185. Riding to ebb. Plack water at 3:40.

(Figured) Richard & Damport From & to & a.M. Weather overcast with very light rain. at 5 special find at 6 hove up anchor, got underway and stiamed up the liver. at 7.15 passed Hereaste. at 7.45 passed Wilmington. Tide changed flood at 4.10. Temp of Brunker 76. acrage Stiame freshere 52% the Geolutine \$2. From & to Mind. Doucast and raw. Pain latte home of watch. Graning of the Delawase. at 9.05 came to anchor off Lague Island Hay Gard in I fathorne of water occurs to 20 fathous on post chain. Deast of water forward 13 feet 6 in amideliste 12 feet 9 in aft 15 feet 3 in Turing to toward 13 feet 6 ... concerned fire at 11 octock- Equel f. T. Februare. Leut. From Merid to & 9.21. Weather overcast. Dight U. 6 4 Luge. at 1240 got underway and stramed up the sive - at 1:30 Made sumber, "Polomae" the Commeander enach an official visit to the Philadelphia. At 2.45 the Commeander enach an official visit to the Phymonetic. This deaft of feet 6 in forward, 14 feet 6 in Amidelieft, 15 feet 6 in Aft. Revolutions

to- Steam pressure 70 lbe-(Signed) f. K. Cogswell. From 4 to & 9.M. Overcast. Light M. E 4 aire. Moored ship M. B. & 9.9. W. 45 fathorne on each chain. Furning to the flood lide at 6.30; ship suringing to port. Blear have -

From 8 to Mideight. Overcast and raing. Light aid from Il of and Ed. Iwag to the est tiste at 11.30. Distilling. Char hower.

Signed) J. K. Cogewell.

Examined and found to be correct.

Acalvaller.

LOG	of the United Sta	ATES Ste	D	u	"	000	de	4"				gi	d	Rate,	6	Guns,
		a	H	, 9	Phi	las	del	ple	ia	· Ta						
		WINDS.			BAROSEE	TER.	TES	MPERATURA				34				
Hour.	Knots. Gourson steered.	Direction.	Force.	Leeway.	Height in inches.	Ther, arr'd.	-	Air Wet Bulb. eur	-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	I'vop of Cle Sky, is 10th	State of the Sea.	Treatment of this sin	ill the vesse d of watch.	l is under
A. M.																
1		n.a. E.	2		80.20		51			,	nint	0				
2		10.00.0	1		30:20		11			1	nut	11				
3		"	11		0 40		11			"	"					
4	TO SECURE	"					11			"	"					
5			H		11		49				"	"				
6			3		80-21			100			"	"				
7		"	2		80.22		,			"	"	"				
8		6.	4	-	90-25	200	51			-	Gun Hins					
9		0,			80-26				1							
1		"	1						1	"	Ci Vi	5				
10		"	4	0	80-25					"	"	9				
II Noon		"	4			55				"	"	,				
Noon.					^											
	Distance run by Log since prece	eding Noon									knots	fath	Jamos.			
	Latitude by D. R. at Noon															
	Longitude by D. R. at Noon												-			
	Latitude by Observations at No.											,	-			
	Longitude by Chronometer from											1	*			
	Current during the time		-		setting t	to the										
	Variation of the Compass by Ar			anrise								1	"			
	Variation of the Compass by As		at										"		4	
V	Water expended during the pre-	coding 24 hours										gall	llons.			
V	Water	during the prece	eding !	24 hou	178								-			
1	Water remaining on hand fit for	r use at Noon											"			
(Coal consumed during the prece	ding 24 hours								2 10	ns 5	60	lbs.			
(Coal remaining on hand at Noo	a								70 .	ons 5	80	4			
-										/						
P. M.																
1		n.	2	3	8022:	55	55			te	ai Vu	9				
2			"			56				11	B	"				
3			"				57		1	"	"	"				
4	- DOME	"	"		"	11	"			"	"	"				
5		E.	1		80-24:		54			"	-	8				
6		"	0		30.25		11			"	"	"				
7			,		80.28		"			"	,	11				
8		,	4		1	"	4			4	"	"				
9	- ·	2.	4		0.00		-			"	cir	9				
10		n.	11	-	30.30		ER			"	cu	7				
11		"					53			+						
Mid.			"			52				7	"	10				
-					"	21	50					#				
	Tomingh he Chammater is	Char														
	Longitude by Chronometer fro		Valions	0												
	Longitude by Chronometer fro Variation of the Company by				*											
	Variation of the Compass by			st Sunse	4							,	-			
	Variation of the Compass by		at													

Communces and while & a.M. Doucast and rainy. Light ain from the In a and Ed Riding to ett tide. Clear hower -(Signed) f. T. Tullivan.

From 4 to & Q.M. Overcast. Gol. Disagenable. Moduate M. M. E. wind. Commender of the Court of flood liter Clear have . Banked first sender live main boilers. Distitling. Temp Coal Bunker 63-

(Tigued) Richard g. Daverport.

From 8 to Muid. Clear and cool. Light & the bruge. Tide turned est at 11-45. At 10 inspected at quartie. Furt liberty fearly ashore to remain until sunset. Clear haver-

(Figured) J. K. Cogswell.

From Meriod to 4 9.20. Clear - Cool - Pleasant - Light 98 4 Fluge. Cir The clouds . at 12.30 luring to ebt lide - Clear have - Henry Viccoli (2 nd C. B) was discharged from this this and the El. Haval service, at his own request - Michael Riley (1 t. F.) and fanue Beysou (1 t. B) avere transferred to the U.S. 9. Poloriac" to be sent to the U.S. Hospital. Banked full emole live main boiler. Distilling. Temp Gal Bouker 790

(Tigued) Richard g. Davenport.

From 4 lo & 9.M. Reasant weather. Light air from 6 d. Bright wom-light. at 4.30 signaled interogating 5040. Ply wouth auswered 905. John Jabel (B) left the 2nd culter without premission while allow on duty. Risling to flood. Musticed at quarter and served out clean hammocke. Cashet Engine a. T. Stive left the ship, geanted the days leave.

(Signed) J. K. Cogswell-

From & to Midnight. Clear Cool . Pleasant. Bright enoulight. Light Wit freye. Rising to flood lide. Clear have. Franked fine much tur main boilers. Districting- Tempe Coal Bunker 71:

(Figured) Gichard J. Davuport.

Examined and found to be correct.

Acall alker . Navigator.

10	0 60 11 0	C)		0"									
LOC	G of the UNITED ST.	ATES Ste	am	11 0	0	ede	x"	ia Ta	5	in		Rate,	6	Guns,
			07	7 9	tui	last	ulph	ia Ta	-					
		WINDS.		BARON	DETER.	110	SPERATURE.	State of the	Norma at	lear the.	0			
Hour.	Knots. g Courses steered.	Direction.	Force.	Height is inches.	There str'd	Air Dry Bulk	Wet Bulb. Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the at en	il the reuse d of watch.	d is under
A. M														
1		Calm		30.30	1 48	46		te	Cicam	9				
2		"		"	"	"		"		"				
3		"			11			"	4	4				
4		"			"					"				
5		n.C.		30.3	"					"	13			
6		"		30.37	4	48			4					95
7		"		30.30	"	11				4				
8		"		30.88	11	11			"	2				
9		"	2	"	50	50			"	9				
10					100	53			"	"				
11						57	12 50		"	"				
Noon.		"		"	57	59			"	"				
_					/	-								
	Distance run by Log since pro-	ceding Noon							knots	fath	oms.			
	Latitude by D. R. at Noon									,	"			
	Longitude by D. R. at Noon									1				
	Latitude by Observations at No	00m ©								,	"			
	Longitude by Chronometer from	m Forenoon Observ	ations	0							"			
	Current during the time	knots fi	ns. per	hour, setting	to th	e								
	Variation of the Compass by A	Amplitude ⊙ observ	ed at S	unrise						,	"			
	Variation of the Compass by A	zimuth © observed	at							,	~			
	Water expended during the pro	eceding 24 hours								gal	lons.			
	Water	during the prec	eding s	24 hours										
	Water remaining on hand fit fo	or use at Noon												
	Coal consumed during the prec	oding 24 hours						t	000 18	05	lbs.			
	Coal remaining on hand at No	00							" 191	5	"			
_								-/	'/'					
P. M.														
1	10 To 100 To	n.	1	50.33	54	57		4	ci am	9				
2		,	0	"	0	59		"	"	"				
3		9			59	- 1		,	,	"				
4		9.80			,	"								
5		4	2			57		"	"					
6		"		30.35	"	56		"	"	8				
7				30.30			3	"	"	11				
8	E E STATE		"	30.37				4	4	4				
. 9				30.30		"		"	"	,				
10				"		4		"	"	"				
11						4		"	4	4				
Mid			4	"	4		100	"	"	#				
-					-			-			-			
	Longitude by Chronometer fr	rom Afternoon Obse	rvation	. 0						,				
	Longitude by Chronometer fr			*						,				
	Variation of the Compass by	Amplitude obs	erved at	t Sunset						,				
	Variation of the Company by													

Variation of the Compass by

Commence and suite & a.M. Clear and calm. Pright enoulight. Turing to et lide at 12.30. Moon set at 3.45. Clear have.

(Figurd) F. K. Cogewell.

From & to & a. M. Weather clear and pleasant with light M. E. wind. at 7.20 luring to flood tide.

Signed Wainwright Kellogg.

From 8 to Muid . Clear Cool . Pleasant . Light W. E. wind . Ci Cum clouds. Riding to flood tide - Clear hawle - Banked fire under two main boilere. Dietitling- Tempe Coal Brunker 64: at 9.30 Musticed and and andrew Mc Jawy (1 st C. F.) about without leave. Bou de H. a Addame & 4.2. paid an official west to the ship. On ash scow was brought off by Harbor authorities -

(Liqued) Cichaed J. Davupat.

From Muid to 4 P.M. Weather clear and pleasant with light variable aire. At 4.10 ship suring to the est lide. At 9.30 fueled sail. Broke out space bown anchor and got it over the foot bow-

(Tigued) Warneright Kellogg.

From 4 to 8 9.80. At 4.53 9.0. Ship wade signal 201078. Cloudy. Cool. Pleasant. Light 9.20. Luye, cir an cloude. At 5.80 smullind cum at quartie. It 7:20 elacle water. At 7:50 suring to flood lide. Clear haure. By order of Come of Officer Even White (2°C.13) was given four days extended for disobusing order &c. Hany Hill (2 we 13) Robb Mc Guckin (2 whe 13) That G. Tely (0.9 2000) Even Evlite (2 ml C. B) and Jeonge W. Kalin (2 ml C. B) ever given four house Listilling - Temp Coal Bunker 66 ?

(Liqued) Richard J. Davenport. frent.

From & to Midwight. Weather clear and pleasant with light air from I'd and Wod. At & suring to flood tide. Distitling with live main boiler. Blear have at end of watch. Temp Coal Bunker 68.

(Figured) Wainwright Kellogg.

Examined and found to be correct.

dealtalken dient. Savigator.

				()			0							_			
roc	d of	f the	UNITED STA	ATES Stea		u	2	a	exy	4 "			5	"	·	Rate,	6	Guns,
						0	H	9	Viil	lao	uy	elia	ga.					
		T		WINDS.			BARON	ETER.	TES	CPERAT	URIE.			124				
Hesr.	Knot	Pathona.	Courses steered.	Direction.	Force	Lorenty.	Height is inches.	Ther.	Ale Dry Bulh	Alr Wet Bulb.	Water at surbos.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Sea.	Record of the	still the vessed of watch.	el le under
A. M.																		
1				Calu.	0		3030	57	55			0	Quint	0				
2				"	11	13		"	"			"	"					
3				"	11		"	#				04	4					
4				"	11			56	*			"	"	"				
5		-		9.	2			55	54			00	"	"				
6							"	"	11				"					
7							90.94					"	4					
8					"			"				"	"					
9					3		30.95	57	57			"	"					
10					"		"	n	11			"	Mintan	"				
11		19					30.29	"	11	100			"					
Noon.		100					30.30	. #	"				"	"				
					-									-	-			
	Dista	moe re	m by Log since pres	eding Noon									knots	fath	oms.			
	Latit	ade by	D. R. at Noon											,	"			
	Long	itude 1	by D. R. at Noon											,	"			
1	Latite	ode by	Observations at No	000 ©										,	**			
	Long	itude l	by Chronometer from	m Forenoon Observ	rations	0												
	Curre	ent du	ring the time	knots fr	ns. pe	r hour	, setting	to the	0						100			
	Varis	tion o	f the Compass by A	mplitude @ observ	red at	Sanri	se							,				
,	Varia	tion o	f the Compass by A	zimuth ⊗ observed	at									,	"			
	Wate	r expe	oded during the pre	eeding 24 hours										gal	lons.			
	Wate	r		during the pres	eding	24 h	OTER											
	Wate	r rem	sining on hand fit fo	r use at Noon														
	Coal	CODE	med during the prec	oding 24 hours								to	ms 90	65	Ibs.			
	Coal	remai	ning on hand at No	on								69	" 9:	50	44			
-												1	•					
P. M.		100				-												
1		100		w.	3		3026	59	58			00	Hinet	0				
2				"			30.25					"	"	A.				
3				"	"		11	"	4			"	11	"				
4				4			30.24	"	"			"	4	"				
5				9.20.	"		"	4	4			"	Ci siin					
6				,	"			57	57				"	4	-			
7					"		"	"	"			"	"					
8				"			"	"				"	4	"	1			
9				"	2		"	11	"			"	"	4				
10	1			4	"		"	58	56			"	"	11				
11					11		4	11				"	"	"				
Mid	-				4		30.22	59	"			"	"	"				
-	-	-			-			-				-		-	-			
			by Chronometer fr		rvatio	ns ©								,	. "			
			e by Chronometer fr				*						00003	,	"			
			of the Compass by		orved	at Sur	net							,	"			
	Va	ristion	of the Compass by		at									,	"			

Commences and emtil & Q.M. Overcast- Rainy. Disagmable. Vint clouds. At 1-20 black water. Suring to est liste at 1.40. Blear hower. Branked fine under to quain boiles. Distilling. Temp Coal Brunker 71°- Digued) Richard J. Daverport. Lieut.

Fine & It & a.M. Doucast with light duysling rain. Riding to the est tide.

Clear haure -

(Tigued) J. K. Cogswell.

From & to Muid. Weather descart and pleasant with light air from I'd. Risling to flood lide during walth. Clear hower at end of evalen. Temp of Goal Bruker 772 Distilling with live main boiled.

(Tiqued) Elainwright Kellogg-

From Muid to 4 9:94. Weather overcast. Light been from W. at 2 during to the est tide. Bross in hawse, port chain on lop. Temp coal Brunkers 70 ° Theam former 29 th.

From I to I P. M. Weather overcast and pleasant with light being from It and Wod. Cross in hower at end of watch. Temp Coal Bunker 712 Distitling with live main boilers.

Jigued) Wainwright Kellogg.

From & to Midnight. Overcast. Light I.w 4 airs. Jung to flood tide at 8.75. Heip eviging to startoard. Clear hause.

(Liquest) J.T. Pullivan -

				(19	-	Thili	role	epe	ua	10	í-				
				WENDS.			BADOME	TER.	TEN	PERAT	URE.			34		
Hour.	Knots	Pathona.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Thee,	Ale Dry Bulls	Alr Wet Bulb,	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 19ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
A. M.		-				-								- 100		
1				Calu.	0		30.24	58	59			Louis	Cie Cum	5		
2				"			"	4	"			"	"	"		
3				11			"	"	52			"	"	6		
4				"				#	"			11	"	"		
5				4			30.25	55				04	Quint	0		
6				"			11	57	56			"	4	"		
7				4			11	-	57			"	4	1		
8				-			"	GO	"			"	"	8		
9				99.6.	1		90:20		58		38	Cum	ann	"		
10				"	4		"	GA				"	"	4		
11				*	2		30-16		63				"	"		
Noon.				"	4		30.14					"	4	,		
-																
D	Vistar	nce ru	n by Log since prec	eding Noon									knots	fith	oms.	
L	atite	ide by	D. R. at Noon											,	"	
L	ongi	tude l	by D. R. at Noon											,	"	
L	atitu	de by	Observations at No	ю 0											"	
L	ongi	tode l	y Chronometer from	n Forencon Observ	rations	0								,	"	
C	arre	nt du	ring the time	knots fi	ns. per	r hour	r, setting	to the	9							
V	aris	tion o	f the Compass by A	mplitude © observ	red at	Sunri	80							,	"	
V	aria	tion o	f the Compass by A	zimuth © observed	at									,	"	
V	Vater	expe	nded during the pre	eeding 24 hours										gal	lons.	
V	Wate			during the pro	ceding	24 h	ours									
1	Wate	r rem	aining on hand fit fo	er use at Noon												
(Doal	00050	med during the prec	eding 24 hours								te	ms /2	50	lbs.	
(Coal	remai	ning on hand at No	on								68	19	40	ш	
P. M.																
1				0/			0	-	-			,	01.		-	
				di-	2		30.07	71	70			be	Gli	8		
2				7.80.	"		3006					"	"	9		
3		-		"	4		30.03	74			-	"		11	-	
		-		,			0	"	"					"		
5				"	/		80.02	-	"	-	-	"	"	0.		
6		1			"	-	"	72	12	-	-	4	-	8		
7		1			"		0	10	69	-		-	"	9	-	
8		1		e	"		80.00				-	,	. ,	"	-	
9		+		Value	0		30.05				-		ai Ita	"		
10	1	-		*	"	1	"	GI		-	-		"	"	-	
11 Mid	1	-		,	"	-	14	*	60	1	-	"	aicum			
Mid.	-	-	+	1	"	-	1	"	"	-	-	*	"	"	-	
77.77		ale i	- I- (II		-		-	-		-	-					
			e by Chronometer fo		ervatio	ons ©							•	'	"	
			le by Chronometer fi				*						*	-	100	
			n of the Compass by		served	at Su	meet						-	-	-	
	YA	- muo	n of the Compass by		at								-	-	-	

Communes and until & a.M. Weather pleasant, mily, calm. Hack water at 1 oclock. Tung to est liste at 1.30. Evol in hower at end of watch. Temp Coal Orunkur 81°-

(Tigued) Wainwright Kellogg.

From 4 to & a.M. Thick fog. Cleaning in latter part of watch. Pisting to est tide. Plack water at &. are in have, Starboard clean on lop.

(Tiguest) J. K. Cogswell.

Thom I to Merid. Weather warm and hazzy. Light 9.6 4 air. Suspected cum at quartie. Phip suring to post to the flood tide at 8-30. Elbow in have. George Q. Wilson (2 4 C.F.) was salid 1 4 C.F. by order of Com 4 Office, upon recommendation of Chief Engine.

(Tigued) J. T. Gullivan ... From Uluid It 4 9.911. Weather warm and pleasant. Light there from the I'd and Wod. Blear hower. Put on moving swivel. Turing to ett tide at 2. Temp of Coal Bruker 70°. Illiam pressure 25 th.

Trom 4 to & P. M. Clear and pleasant. Light I. W. 4 air. Riding to

Flow & It Midwight. Wild pleasant weather. Calm. Pright woulight. Survey to flood lide at 8.30.

(Signed) f. K. Cooxwell.

Examined and found to be correct.

Acallalker, Navigator.

		K)		*	0						0	10		
LOG	of the United STA	TES Sli	am	u	(20	des	×				5	"	Rate,	6 Guns,
			0	H	9	fuil	act	uly	lu	a Pa.					
		WINDS.		1	ATIOMET	113.	TEM	PERATU	M.			Page 1			
Hear.	Knots. Courses steered.	Direction.	Force.	Leernay.	ight in ohea.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the st	il the vesnel is under I of watch.
A. M.		-1													
1	5,00, 7 0000 GO 57														
2	2														
3		"	"			"	"			"	"	"			
4		"	"			4	11			"	"	R			
5			N			4	"			ten	"	*			
6		"	"	30	"	"	1			"	"				
7		"	4	3	9.99	GI	60			"	"				
8			"			62	61			"	4	"			
9			3	25	9.96	68	GS			te	"	7			
10				2	9.92	70	72			"	"	8			
11		"		2	9.91	4	#			"					
Noon.		,	*		"	.11	4			"		4			
I	Distance run by Log since prec	eding Noon								. 1	kmots	fath	1000s.		
1	Latitude by D. R. at Noon											,	"		
I	Longitude by D. R. at Noon														
I	atitude by Observations at No	on ©										,	"		
1	Longitude by Chronometer from	n Forenoon Observ	rations	0											
	Ourrent during the time			hour, s	etting	to the									
	Variation of the Compass by A											,			
	Variation of the Compass by A											,	"		
	Water expended during the pre	7										Ph	llons.		
	Water	during the pre	coding	24 hour										10000	
	Water remaining on hand fit fo												44		
	Coal consumed during the prec										ons /5	220	lbs.		
	Coal remaining on hand at No									68	" 1/	20	44		
										00		10			
P. M.															,
1		9.20.								tem	4.	-			
2		,.w.	2	1	9.26	12	72			Te M	ce au	1/1			
3		,	1.5	2	2 27	74	72			fou	"	-			
4		,	1.0	1	-	10	/3				"	4			
5		ddar		77	2 Gs	2/	17			be m	"	5			
6		7,7,00,			"	74	75			,					
7					200.	15	74	-	-		Cie Min	2			
8					971	7/	12		7	"	Cee Men	41			
9		"		1	970	10	7		-		"				
10		4					10	1	-			"	-		
11					"	4	4				"		-		
Mid			4				4	1			4		-	-	
-	Alexander of the second		1	1	-	1	1	1			-	1	-		
	Longitude by Chronometer 6	rom Afternoon Ob-	orweit.	ma (9)								,			
Longitude by Chronometer from Afternoon Observations ⊗ Longitude by Chronometer from Observations * ' "															
	Variation of the Compass by		ecrond	at Suns	et							,			
	Variation of the Compass by		at									,			
	0)	-	-											-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Communes and with & a.M. Clear and pleasant. Light 9.20, 4 air. Jung to the ebb at I oclock.

(Figurd) f. T. Pullivan. From & to & a.M. Clear. Cool. Pleasant. Miety. Light Y.W. bruge. Riding to ebt. Iteam in tur main boiler. Distilling. Temp of cool Companyo: Tham presence 25 ll.

(Liquest) Richard J. Davemport.

From & to Muid . Warm and pleasant. Light J. W. bruge . Riding to flood. Suspected at quarter at 9-30. David Dallon (9.6.) Buy Flynn (9.80) f. F. Mahang (0) John Jabel (0) were absent, having lunained ashore over liberty - Edward Moran (0) f. V. Marion (B) left the 2 and cutte certitiont permission while allove on dutya number of Centimial visitore visited the sleep. Tent a liberty fearly of toys it the exposition. Jave Fivale Buckley one extra post, by order of Com 29 Office, for longing on duty.

Signed) f. K. Cogswell.

Signed f. K. Cogswell.

From Meriol It 4 9.21. Clear. Warm. Pleasant. Blowing in feel puffe from 9.20. Plack water at 3- Furing to the est at 3-45. Steam on two boilers. Distilling. Temp Coal Brunksel 712 De Gichard J. Daverport. Ligued Richard J. Daverport. Lieut.

Thom 4 to 8 9.20. Cloudy Warm - Squally Wind from I'd and Wit. Mullied crew at quarties. David Dallon (9.6.) 9.4. Enmone (B) Robb Mc Jackin (B) fame B. Planly (B) R. P. Wilking (B) were reported about without leave.

(Tigued) f. T. Pullivan. From & to Midnight. Pleasant. Ignally from I.W. cie cum cloude. Obscurd monlight. Plack water at 9.50. Forung to flood at 1015.
Heave on live boiler. Distilling. Temp Coal brunken 75°.

Figured) Gichard J. Davenport-

Examined and found to be correct.

Acallacker Navigator.

L00	of of	the	Un	NITE	D STA	TES Stia			d	20	dex	."			30-	ia	Rat
								07	49	Plu	ila	delfe	lia To	2.			
						WINDS.			BATOME	TER.	TIME	PERATURE.	State of the	No.	100	State	
Hour.	Knots	Pathons.	0	Deurses	steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Ale Dry Bulb.	Met Water at Bulb. surface	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record
A. M						9.9.w.	1.5		2972	60	G8		0 te	Cum His	0		
2						"	"		"//~	11	"		"	"			
3						"								"	4		
4						"			"	4					*		
5	18					Ev. 20. Ev.	5		29.74	Gh	64		org				
6						"			29.76	Go	60		te		1		
7						"	"		29.80	"	"		"	-	3		
8	100					"	*		29. 84	"	61			"	"		
9						"			29.85	41			tar	"	0		
10						Eu. W.				#	62	0	"	"	1		
11						4	*		29.87	.11	63		te	"	2		
Noon						*			29.88	63	"		"	"	4		
	Latite Longi Curre Varia Varia Wate Wate Coal	ode by ittade i ont du ont du	Observing of the observed of t	hrono the tie come come come data	pass by A pass by A ng the pe	knots f Amplitude © observereeding 24 hours during the prefer use at Noon seeding 24 hours	ins. po	er hou		to the			1 151	tons 2.	,	" " " " " " " " " " " " " " " " " " "	
P. 1	w l	T	T				F								T		
1						9.80.	5		30.88		68		te	ai am			
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	5		+			-	1		30. 3				1	"	-	-	
	6	-	-				"	+	0		GZ		"	"	1		
	7	+	+			0-1.1	"		30.0	_			"			1	
	9		1			20.4 %		-	30.0				te	cir			
	10		+			"	1	-	30.0				00	ar "			
	11						1	-	30-11		55			"	1	1	
	did.						1	-	30-1		5/		"	"			1
-	-					-	-	-	00.1	-	01	1	The second second	-	-		1

Longitude by Chronometer from Afternoon Observations ⊗

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Gouvences and sulit & a.M. Goucast. Facing showed. Wind from It and with Squally. Furning to the est liste at 3.30.

Liqued J. T. Fallivan .

From to & a. M. First how of watch, weather arreast, raining and equally. Rest of watch, clear and pleasant with feel breeze from 2 of and Evol. Riding to the est during watch. Received on board in Pay Department 165 lbs fuch beef and 130 the of vegetable . Temp of Coal Bunker 840. Lint Com of Schoule setumed from leave. Two lighter, said to contain to love of coal, came

(Signed) Elainwright Kellogg-

From & to Merid - Cloudy . Good . Pleasant Moderate H. W. wind, cum himt cloudy. at 8.50 Phymouth made Beef signal 5455. at 8.55 signal 5455. at 9 loved sail - at 9-15 communed cooling ship. at 9.50 stack water. Oruker 720 Received in Equipment Department about 29 love of coal. David Lalla (9.6) returned from liberty.

Tigued) Richard J. Davenport.

From Meriod to 4 9.24. Weather clear and pleasant with feels breeze from I'd and Wet Coaling Ship. Hack water at 3.20. This suring to the at 3-45. Leciond in Equipment Department about 41 lour of coal during evalele.

(Tigued) Wainwight Kellogg.

From & IF 8 D.M. Clear Good . Pleasant. Light W.W. buye. Finished Coaling Ship. Received in Equipment Department about 15 love of coal, making in all about 85 line. Trug lowed barge away. By order of Gon of Office Michael Mangan (2000,0) was given four house extra duly for duobedience of order at coperain of boat. Havy Hill (2000,000 and a. T. Zigh (2000,00) four house extra duly for going below. T. D. Talmage (2000,00) and a. T. Zigh (2000 c. B.) four days extra duly for disorbidine of order of Bapt The. Ileans on his boilers.

Distilling. Temp coal Brunker 75° Riding to the est lide & F. 8. Handley 800. found days extra strity for dissidence of orders of Capit of top.

(Figured) Richard J. Davupat.

From 8 to Midwight. Weather clear and pleasant with light freeze from the Wod - Flack water at 10-30. Furning to flood liste at 11 octock. Monelight-

(Liquest) Wainwright Kellogg.

Examined and found to be correct.

Acalvalker, Navigator.

				00				- 1					
		WINDS.			BARCORE	TER.	TEM	PERATU	BE.	13/8/8/2		2.5	100
	urses steered.	vetion.	Porce	19.	Height in	Ther.	Air	Alr Wet	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.
P-ather	De	vection.	Furce.	Leeway	inches.	att'd.	Air Dry Bulls.	Bulb.	at surface.			Shrop Shrop	
M.		923											
	9,	.w.	,		3014	F1				1		10	
1	a	.w.			2017	01		300				10	
2		"			0		49			"			
3		'	"		30-15	#	. 11	-		"		"	-
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5		"	*		80-20	*	"			*		4	8
6					30-24	50	"			"		11	
7		"	3		30.28	"	"			"			
8		"			30.30	-	50			"			
9		"	4		"	"	52		9	te	Cum	9	
0		41			H	54	57					"	
1		"	B			55	1		77	"	"	11	
							"				,		100
NO.						57							
												-	
	Log since preceding N	000									knots	fath	oms.
Latitude by D. R.	at Noon											-	"
Longitude by D. I	R. at Noon											1	"
Latitude by Obser	rvations at Noon @												"
Longitude by Chr	ronometer from Foren	oon Observi	ations	0									"
Current during th	ne time knots	fu	16. DC	r hou	ir, setting	to the							
			•		-								100
Variation of the	Compass by Amplitud	e O observ	ed at	Sunt	ise							,	"
	Compass by Amplitud			Sunr	rise							,	"
Variation of the C	Compass by Azimuth	⊙ observed		Sunr	rise								
Variation of the C	Compass by Azimuth during the preceding	© observed	at									gal	Ilons.
Variation of the (Water expended of Water	Compass by Azimuth during the preceding : dur	© observed 24 hours ing the prec	at									gal	llons.
Variation of the (Water expended of Water	Compass by Azimuth during the preceding	© observed 24 hours ing the prec	at									gal	Ilons.
Variation of the O Water expended of Water Water remaining	Compass by Azimuth during the preceding : dur	© observed 24 hours ing the prec Noon	at								ous /8	gal	Boms.
Variation of the O Water expended of Water Water remaining	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2-	© observed 24 hours ing the prec Noon	at								· · · · · · · · · · · · · · · · · · ·	gal	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2-	© observed 24 hours ing the prec Noon	at									gal	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2- on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	at		hours		59				" 22	gal	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2- on hand at Noon	© observed 24 hours ing the prec Noon	at de									gal	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2- on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	at		50.28	62	GI				" 22	100 gg	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2- on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	at de ding	241	hours	62	65				" 22	98 "	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	at de ding	241	30.28 30.26	64	65				" 22	98 9	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding the on hand fit for use at turing the preceding 2- on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	the section of the se	241	30.28 30.28	64	G1 G3 "				" 22	98 "9"	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	at de ding	241	30.28 30.28 30.21 30.91	64 " " GI	G1 G5 " G0 55				" 22	98 "9"	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	the section of the se	g 24 l	30.28 30.28	64 " " GI	G1 G5 " G0 55				" 22	98 "9"	Boms.
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Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	4 3 " 2 3 " 2	g 24 l	30.28 30.28 30.29 30.31	64 " 61	G1 G5 " G0 55				cir "" circum	98 "9"	Boms.
Water expended of Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	48 " 28 " 2 " 2 "	241	30.28 30.28 30.29 30.31	64 " 61 59 " 58	G1 G3 G0 52 54				cir "" Circum	98 "9"	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	48 " 28 " 2 " "	241	30-28 30-28 30-31 30-31	62 64 " 61 55 56 56	G1 G5 52 54 55 55				cir and	98 "9" "8	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of M. 1 2 3 4 5 6 7 8 9 10	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	4 8 " 2 9 " " " " " " "	241	30.28 30.28 30.29 30.31	62 64 "61 55 56 56 55	G1 G5 52 54 55 55 55 55 55 55 55 55 55 55 55 55				cir "" "" "" "" ""	98 9 " " 87	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of M. 1 2 3 4 5 6 7 8 9 10 11	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 on hand at Noon	© observed 24 hours ing the prec Noon 4 hours	48 " 29 " 2 " " " " " " " " " " " " " " "	241	30-28 30-28 30-31 30-31	62 64 "61 55 56 56 55	G1 G5 52 54 55 55				" 22 cir	98 "9" "87"	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of M. 1 2 3 4 5 6 7 8 9 10 11 Mid.	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 to hand at Noon	o observed thours ing the prec Noon hours www. """ """ """ """ """ """ "	48 " 28 " 2 " " " " " " " " " " " " " " "	241	30.28 30.28 30.21 30.31 30.31	62 64 "61 55 56 56 55	G1 G5 52 54 55 55 55 55 55 55 55 55 55 55 55 55				" 22 cir	98 "9" "87"	Boms.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of M. 1 2 3 4 5 6 7 8 9 10 11 Mid. Longitude by	Chronometer from Aft	o observed hours ing the prec Noon hours www. www.	48 " 28 " 2 " " " " " " " " " " " " " " "	241	30.28 30.28 30.21 30.31 30.31	62 64 "61 55 56 56 55	G1 G5 52 54 55 55 55 55 55 55 55 55 55 55 55 55				" 22 cir	98 "9" " 87" "	Bons.
Variation of the C Water expended of Water Water remaining Coal consumed d Coal remaining of M. 1 2 3 4 5 6 7 8 9 10 11 Mid. Longitude by Longitude by	Compass by Azimuth during the preceding to hand fit for use at turing the preceding 2 to hand at Noon	o observed hours ing the prec Noon hours w w cernoon Observations	4 3 " 2 9 " 2 " " " " " " " " " " " " " " "	241	30.28 30.28 30.21 30.31 30.31	62 64 "61 55 56 56 55	G1 G5 52 54 55 55 55 55 55 55 55 55 55 55 55 55				" 22 cir	98 "9" " 87" "	Bons.

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and will & a.M. Clear. Cool. Pleasant Light h. W. buye-Bright swoodight. Flack water at 5.30. Samue to est at L. Diam in live boiler Dictiving. From & to & a.M. Clear and flearant. Light & W. 4 air. Piding to ebb lide. Hauled fine from smoler boilere & 2 and & plat dide. Flow I to Merid - Weather clear and pleasant with fuch blege from I and We and bearing - Plack water at 10 . Turing to flood at 10.30. (Tigued) Wainwright Kellogg. From Muid to 4 P.M. Clear and pleasant. Light here from he and we Riding to flood tide. Flores 4 to 8 9.M. Clear and pleasant with light bruge from the and we Stack water at 4. Survey to ett at 4.15. More son at 7. Part and we gay marker I. Demison Hurchut left the ship with his days leave of absence.

Tigonal) Wain weight Kelloga. From 8 to Midwight. Clear and cool. Light M.W. & aid. Hack water at 11-50 - Signed f. T. Julioan.

		.0	7)								
LOG of	the UNITED STATE	TES JU		nu (0	Se	dey"	· Section		3-	est.	Rate, 6 Guns,
				0#	9:	Viil	ade	eplia 9	Pa.			
		Married .		00							-	
Hour. Knots.	g Courses steered.	WINTS.		BAROME		11-	Ale W.	State of the Weather,	Forms of Clouds, by symbols.	of Clear in 10ths.	State	Record of the sail the world is under at end of watch.
	The Course services	Direction. 1	Force.	Height in inches.	Ther.	Dry Bulk	Wet at		symbols.	Sky, in	Sea.	M. Co. C. Co.
A. M.												
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2		11	,	3038		48		"	"	6		
3		"	"	"	-	11		"	"			
4		"	"		50	, "		*	"	"		
5		"	*	30-40		47		"	Сиш	*		
8				30-42		"			"	11		
7			"	30.44		"			11	0		
8				"	"	48	1	"	"	3	-	
9			1	"	1	50			cu	4		
10				"	52			"	"	5		
11					53	1	1		"	"		
Noon.			-	"	37	53			"	"		
-										cah		
	ance run by Log since pres	eding Noon							knots	Ban	oms.	
	ande by D. R. at Noon									,		
	ritude by D. R. at Noon										"	
	ude by Observations at No citude by Chronometer from		slop	0						,		
100000000000000000000000000000000000000	ent during the time			s ⊗ er hour, setting	- 40.1							
	ent during the time									,		
	ation of the Compass by A			bumee							"	
	er expended during the pro-									(2)	llons.	
Wate		during the prec	odin	94 hours						-	ii.	
	ter remaining on hand fit f										44	
	l consumed during the pre-								tons 14	400	Ibs.	
	d remaining on hand at No							150	" 10	60	44	
-												
Р. М.												
1		и.в.	2	30.30	0 5	25	9	be	cie	1	1	
2			"	30.3	26	0 0		"	"	9		
3			11	Bock	BG	15	9		4	"		
4		"	"	"	0			"	"	"		
5		n. n. w.	1	"	1	11 11			4	6		
6		Ealm	"	,	1	0 4			"	17		
7					-	" "		"	"	"	-	
8		" e	"				"		"	9		
9		6	1		33	525			"	9	-	
10		-	"	20-1	3	# 4	"		,	11		
Mid.		. "	4	-		4		"		"		
				1					-	1	1	
1	cogitude by Chronometer	from Atternoon Ob	-							,		
	Longitude by Chronometer		Carrier Co.	*						,		
	Variation of the Compass t		METW	d at Sunset						,		
	Variation of the Compass b		at							,		

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communed and until & a.M. Clear, cool and pleasant with light buye from he and & d. at 12 turning to flood tide. Moneight. Tigned) Wainweight Kellogg. From 4 to 8 a.M. Weather cool and hazy Just being from W. M. W. High water at 6. Received feel provisions for crew. (Tiguest) f. K. Cogewell. From 8 to Merid. Clear and pleasant. Light H. W. 4 air. Faring to the flood at 11.50. At 9.45 Commanding Officer inspected the ship and the cur at quarter. At 10.15 had Junal Munter and read the articles of Was. The following examed such are about without leave. Richard Beale Men. folm Gable (Bry) elected from toat. John G. Gable (Croy) f. f. Griffithe (Bry)

D. W. Fellen (Croy) f. Kaien (Croy) f. F. Malioney (Croy) andwer He Garry (I.C.F.)

Robt M. Guckin (Croy) W. G. Howard (Croy) Justave Rown (Croy) That G. Tenty (G. J. 2 nd C).

J. B. Stanley (Croy) Richard Wilking (Croy) Held devine surice at 10:45 a

clugy man from shore officialing. "W. J. Hann (Roy)

Trom Muist to 4 F.M. Clear and fleasant. Junte blurge from & d

and Got Sent visiting fearly to the Physicoenter. Richard. From 4 to 8 P.M. Clear and pleasant. Zight aire and calme. Furning to the est lide at 6 oclock.

From 8 to Midwight. Cool and clear. Zight breeze from the Cast.

Riding to the est. (Tigard) J. K. Cogewell.

Jana Rate, 6 Guns,

-	10000				_	_	-	-	-	-	_	-	-	-	-	
				WINDS.			BARONE	TER.	TEM	PERAT	UME	State of the	Forms of	Clear Sthe.	State	Record of the sail the vessel is
Hour.	Knots.	Futhers.	Courses steered.	Direction.	Fures.	Leeway.	Height in inches.	Ther.	Alr Dry Bulb,	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Sky, is 10	State of the Sea.	at end of watch.
A. M.				4												
1				n.G.	1		Soko	52	50			te	Cie Cum	4		
2							"	11	"			"	"	"		
3				4			11		49			"	11	6	,	
4				"	4		30.42	51	48	-		"	"	8		
5								49	40			tom		11		
6							30.45	48	45			"	"	11		
7				"			30.44		11			"		"		
8				4			#	11	11					"		
9					2		30.42	51	49			be	cum	6		
10							3040					"	"	4		
11					"		"	"				"	"	1		
Noon.				"			4		4				4	11	18	
-													-			
	Distar	noe FD	m by Log since pre	ceding Noon									knots	fatl	homs.	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon	•	, "
Longitude by D. R. at Noon		, "
Latitude by Observations at Noon ©		, "
Longitude by Chronometer from Forencon Observations ⊙		. "
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊗ observed at Sunrise		
Variation of the Compass by Azimuth ⊙ observed at		. "
Water expended during the preceding 24 hours		gallons.
Water during the preceding 24 hours		
Water remaining on hand fit for use at Noon		44
Coal consumed during the preceding 24 hours	tons //	705 lbs.
Coal remaining on hand at Noon	1.49 " 14	9.5 "
		'

M.					100	
1	W.E.	3	30-37 53 53	te	Cane	2
2		"	30.335454	0	"	0
3		11	30-2958 56	,	11	11
4		4	30-25 " 58		"	11
5	9.8.	3	30.22 " 57	"	Him	- "
6		1	30-20 " "		"	
7		11	30-18 " "	"	"	
8			4 4 11	od	4	"
9		"	30.15 " 58	or	"	4
10	,	"	30-18 59 59	"	"	"
11		1	30-11 60 60		"	4
Mid.	"	"	30.08 " "	"	"	11

Longitude by Chronometer from Afternoon Observations \otimes

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and will & Q.M. Clear and cool. Light N. C. 4 air. Purug to the flood lide at 1 oclock. (Figured) F. T. Fellivan. (Tigued) f. T. Fallivan. From A to & a.M. Clear Cool Pleasant. Light breeze . cir cum clouds. Hack walk at 5.30. Furning to ebb at 6. Diem in two boilers. (Tigued) Richard J. Dayupat. From 8 to Muiol Eventue cool and cloudy. Light & & buye. Placed folia Lucy (Pory) in solitary confinement on bread and water, by order of Com by Office, for assaulting another, and dunknings. Cur engaged be scraping gun carriages. Carpenter gang in painting white streak outside. Low water at 12.

Signed) f. K. Cogswell. Flow Meriol to & P. M. Overcast. Damp. Good. Disaguake. Moderate I. G. heeze, Cum clouds. Furme to flood at 12:30. Received in Hairgators Departement, from El. I. Havy Efacol, League Seland, 80 lbe Sounding wine, and the specimen cups. Also admiractly chart & 24 and thy oleographic clear u: 454. Part acet Inegion Elm B. Davis left the step for five Mean of absence. Pliam in tur toilur. War G. Hornood (Broy) returned to the Slipe Figured) Richard G. Daverport. From 4 to 8 P.M. Owncast and damp. Light diggling showed in latter part of watch. Mustind at quarter at 5.20. High water at 6.15. From 8 to Midnight. Overcast. Rainy. Cool. Disagneable. Zight 9.6.
brue, Hint- Clouds. Riding to est. Please in live boiles. At 8
continued distitling.

(Signed) Richard J. Davenport.

Lieut.

LOG	of of	the	UNITED STA	ates Si) iai	m		9	E	ed.	up	"	3	ge e	pl	Rate, 6 Guns,
	OG of the United States Steamer Extey" 5º ed Rate, 6 Guns, Off Philadelphia Pa.															
	WENDS. DARDOMETER. TEMPERATURE. State of the Wenther, Clouds, by symbols. State of the Sint Record of the suil the westel is under the by symbols. State of the Sex.															
Hour.	Knots.	Fathona.	Courses storred.	Direction.	Ferce.	Lorung.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at melion.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of C	State of the Sea,	Record of the mil the would is under at end of watch.
A. M.				₽.6.	1		8042	60	58	/		or	Mint			The state of the s
2				"	"			"	-							
3				"			"	"	"			"	"			
4				"				"				*				
5					2		90.02		57			"			1	
6					-			+				"	4			
7					4		"	"								
8				"	"			*	4			4				
9				4				"	+				" .	0		
10				9.W.				59	4				"	"		
11				Ev. S. Ev.	- 41		*				-	"		"		
Noon.				"			"	11					"	"		
hanna	Distan	Top F	in by Log since prec	cording Noon									knots	fieth	oms.	

Distance run by Log since preceding Noon	knots fathoms,
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊙	
Longitude by Chronometer from Forenoon Observations ⊙	
Current during the time knots fins. per hour, setting to the	
Variation of the Compass by Amplitude ⊗ observed at Sunrise	
Variation of the Compass by Azimuth ⊗ observed at	. , "
Water expended during the preceding 24 hours	22/ gallons.
Water during the preceding 24 hours	
Water remaining on hand fit for use at Noon	2249 "
Coal consumed during the preceding 24 hours	/ tous / 80 lbs.
Coal remaining on hand at Noon	148 " 1315 "

M.	4	-		-	-		Δ.
1	n.4 &	3	29.98	59	57	or	Mint.
2			29.96				
8		"	29. GL	-			"
4			29.92				"
5	n.w.			54	56	"	
6		"		57	55		
7	*			56	"		"
8	"			55	54		
9	n.n.w.				52	*	
10		4			50	"	
11	"	"	"			"	
Mid.	"	11	"	*		"	"

Longitude by Chronometer from Afternoon Observations \otimes

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Commences and sulit & a.M. Continuous rain. Light wind from 4.6. at 1.30 Suring to the flood. Signed f. K. Cogswell. (Tigued) f. K. Cogewell. From I to & Q.M. Overcast and raining. Ship swring to ebt aty. Light aire from I'd and Ed. (Tigued) Wainwright Kellogg. From V to Muid. Overcast. Rainy- Gool. Disaguable. Light I.W. Bum Vint cloude. at 9.30 Mustined, cum at quarture. at 11-30 "Thy mouth" made liqual no 1087. Tham on two boilers. Distilling-Oliding to est. By order of Com de Office, J. C. Fille (Broy) four house extra duly, ditty box in bucky bag, Herman Mayer (Bry) eighten house extra duly, Shirling, Walter Thomas (46) live home extra duly, inaltention to order. D. W. Heller (Proy) f. f. Griffilter (Proy) five days extra duly, each, repeatedly overstaying liberty. Harry Hill (Proy) a.T. Leigh (Proy) too seam on quantu deck for fighting. a.T. Leigh (Proy) one week extra duly for every provoking (Tigued) Tichard g. Darruport. From Muid to 4 9:20. Derecart, raining, with light bruge from Er. E. Distilling live main boiled. Turing to flood at 1:50. . (Tiguest) Wainwright Kellogg. Firm 4 to 8 P.M. Overcast. Raining. Cool. Disagenable. Light W. W. huye. Wint clouds. At 4:45 secultured cew at quarties. Plack water 6:40 Suring to est at 7.15. Please on live boilers. Distilling. From 8 to Midnight. Doucast, cool and rainy, with free bruge from U. H. W. Riding to est lide during watch.

Examined and found to be correct.

(Liqued) Hainwright Kellogg.

7

8

9 10

11 Noon. 4 2

									0	7	-	000	- Tarrey	, cuia	-		
					WINDS.			BARORE	TER.	TEN	CPERAT	TURE.	Contraction.	V	100		
	Hour.	Knota	Fathoma.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Alr Dey Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 100hs.	State of the Sea.	Roord of the sail the vessel is under at end of watch.
	A. M.				21.2v.	2		29.93	50	59			+	Ci Hunt	0		
1	2					2.3		29.91	59	49		3	4		"		
	3					34		29.92 29.91 29.90	50	"			to	Cum	11		
	4				,	2.5		29.89	59	"			"	Cicam	2		
						0		100					44	10. 4.	-		

29.92 "

29.99 "

50 50

51

.

.

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		. "
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊕		
Longitude by Chronometer from Forencon Observations ⊗		, ,
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude @ observed at Sunrise		, "
Variation of the Compass by Azimuth ⊗ observed at		, "
Water expended during the preceding 24 hours	22	/ gallons.
Water during the preceding 24 hours		
Water remaining on hand fit for use at Noon	19	69 "
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	44	

P. M.									
1	U. W.	2	29.92	52	52		0	Cum	4
2	80.81.8V.		29.91				"	4	"
8	E.	1	29.90				"	"	11
4	M.M.E.	2	29.89		,	100	te	"	"
5	"	11	29.90	57			. 6		0
6	"	"	29.91				"	4	
7	"		"				"		11
8		11	"		"		4		"
9	"	1					"	4	"
10	91.	"	"	56	54		-be	"	5
11	"	"			"		"	4.	8
Mid	"	"	"	"	"		"	cis	9
						100	A CONTRACTOR OF THE PARTY OF TH		

Longitude by Chronometer from Afternoon Observations \otimes Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Communced and until & a.M. Cloudy Good . Pleasant Puffy from W.W. Obscurd surveilight. Item on two boiles. Distitling. Plack walt at 2.50.

Signed Pichard J. Davuport.

From 4 to 8 a.M. Pleasant, with light cir cum cloude. W. f. Harrow (Bry) returned from liberty four days over time. at y. 30 Milis suring to ett lide. Clear leawer.

(Tigued) ala Wayu.

From I to Muid Clear, cool and pleasant. Light bruge from It.W. Riding to est. at 1.50 Made Signal, interrogatory 5455. "Plyen outle" auswired 904. At 9 loosed sail. Icraping spare. John Lucy (Broy) Simple confinement, on full sation, awaiting the result of assaulting & m. Beeman (Broy)

(Tigued) Wainwright Kellogg.

From Muid to 4 9.M. Light U.W. of buye, elifting to EV. 4. Turing to flood tide, at 12:55. "Thy month's Made signal 4826, and at 1, 4826. Cruled sail at 1 oclock. John gath and folin F. Mahony (2 ndc Boys) some decland desuter, having ben about from the ship ten days without leave.

(Tigued) J. T. Pullivan.

From & to & T.M. Clear, cool and pleasant, over cast. Light buye from Med and &d. Riding to flood during watch. Commenced disting at 6.

(Figured) Wain wright Kellogg.

From V to Ellidwight. Overcast first part of watch, and light U.G. 4 airs and clear latter part. Turing to the est at V.45.

(Figured) f. T. Pullivan.

	NITED STATES	lian	ш	9	6	esce	,"			8-	ed	Rate,	6	Gm
	MILIO REAL		C	14	Ph	ilas	alfu	luia 9.	2.			Attito		O'al
	WIND		-				-							
sur. Knots. #	Courses steered.		-	BAROME			LATURE.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Clear 10ths.	State of the	Record of the s	oil the vesse	d is un
our. Anno.	Direction.	Force	Leemay	Height in inches.	Ther.	Ale Dry V Bulb. Be	ot at surface.	by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	Sea.	al er	d of watch.	
M.	3.0							,	2					
1	n.w.	. 4		90.02	51	47		te	Com	3				
2		"			"	"		"	"	4				
3	1			"				"		11				
			1	"	*		-	"	11	"				
8	,			"	51	"		•	"	3				
6			-	11	" "			,		4				
7			-	1		18	-	-	"	1	-			
	00000	0		4				,	"	"				
9	H.H. &		100	100000	52	51	-		ai au	G				
0		1	1	"	"	4	-		'	"				
1		"	1	30.04	1		-		"	1				
00.				-	55	34		•	"					
	y Log since preceding Noon								knots		oms.			
Latitude by D.									•	•	"			
Longitude by I									•		-			
	committees at Mass (2)										AT			
Latitude by Ob														
Longitude by C	Aronometer from Forenoon Ol									,	"			
Longitude by C Current during	Thronometer from Forenoon Ol the time knots	fms. p	er hou	ır, setting	to the									
Longitude by C Current during Variation of the	Thronometer from Forenoon Of the time knots e Compass by Amplitude © of	fms. pobserved at	er hou		to the						"			
Longitude by C Current during Variation of the Variation of the	Thronometer from Forencon Of the time knots e Compass by Amplitude ⊗ of e Compass by Azimuth ⊗ obse	fms. pobserved at	er hou		to the						~			
Longitude by Courrent during Variation of the Variation of the Water expende	Thronometer from Forenoon Of the time knots c Compass by Amplitude ⊖ of c Compass by Azimuth ⊙ obse d during the preceding 24 hour	fms. p beerved at served at	er hou	ise	to the					gul	" " llons.			
Current during Variation of the Variation of the Water expende Water	Thronometer from Forenoon Of the time knots the Compass by Amplitude ⊕ of Compass by Aximuth ⊕ obsered during the preceding 24 hour cultured during the	fins. pobserved at served at served at served at	er hou	ise	to the					gul	" " llons.			
Current during Variation of the Variation of the Water expende Water remaining	Thronometer from Forencon Of the time knots e Compass by Amplitude ⊙ old the Compass by Azimuth ⊙ observed during the preceding 24 hour collected during the ng on hand fit for use at Noon	fins. pobserved at served at urs	er hou	ise	to the					gul	" " llons.			
Current during Variation of the Variation of the Water expende Water remainin Coal consumed	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obes d during the preceding 24 hour recolcuted during the ng on hand fit for use at Noon during the preceding 24 hours	fins. pobserved at served at urs	er hou	ise	to the					gul	" " llons.			
Current during Variation of the Variation of the Water expende Water remainin Coal consumed	Thronometer from Forencon Of the time knots e Compass by Amplitude ⊙ old the Compass by Azimuth ⊙ observed during the preceding 24 hour collected during the ng on hand fit for use at Noon	fins. pobserved at served at urs	er hou	ise	to the				221	gul	" Illons.			
Longitude by Courrent during Variation of the Variation of the Water expendee Water remaining Coal consumed Coal remaining	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obes d during the preceding 24 hour recolcuted during the ng on hand fit for use at Noon during the preceding 24 hours	fins. pobserved at served at urs	er hou	ise	to the					gul	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obse d during the preceding 24 hours g on hand fit for use at Noon during the preceding 24 hours g on hand at Noon	fins. p beerved at erved at e precedin	t Sunr	hours				be		gul	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obes d during the preceding 24 hour recolcuted during the ng on hand fit for use at Noon during the preceding 24 hours	fins. p beerved at erved at e precedin	t Sunr	ise					221 73 23	gul	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obse d during the preceding 24 hours g on hand fit for use at Noon during the preceding 24 hours g on hand at Noon	fms. p beerved at erved at erved at e precedin	t Sunr	hours					221 78 23,	72	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Water expende Water expende Water remainin Coal consumed Coal remaining	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obse d during the preceding 24 hours g on hand fit for use at Noon during the preceding 24 hours g on hand at Noon	fms. pobserved at served at the proceedings at the	t Sunr	hours		57		be "	221 73 23,	72 m	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1 2 3	the time knots e Compass by Amplitude ⊙ ole c Compass by Azimuth ⊙ obse d during the preceding 24 hours g on hand fit for use at Noon during the preceding 24 hours g on hand at Noon	fms. p. beerved at erved at er	er hou	hours	57	57		be "	221 73 23 1000	72	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining M. 1 2 3 4	Thronometer from Forencon Of the time knots e Compass by Amplitude © of the Compass by Azimuth © observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours gon hand at Noon Sec. 20. 2	fms. pobserved at served at ters as a served a	er hou	hours	57	57		te "	221 73 23,	72	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1 2 3 4 5	Thronometer from Forencon Of the time knots e Compass by Amplitude © of the Compass by Azimuth © observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours gon hand at Noon Sec. 20. 2	fms. pobserved at served at the proceedings at the	er hou	foor	57	57		te "	221 73 23,	72 y "	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1 2 3 4 5 6	Thronometer from Forencon Of the time knots a Compass by Amplitude of old the Compass by Azimuth of observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 8.	fms. poberved at served at urs	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57		be " " " "	221 73 23,	72	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining M. 1 2 3 4 5 6 7	Thronometer from Forencon Of the time knots e Compass by Amplitude © of the Compass by Azimuth © observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours gon hand at Noon Sec. 20. 2	fms. poberved at served at urs	er hour t Sunr	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " "	221 73 23 10008	72	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1 2 3 4 5 6 7 8	Thronometer from Forencon Of the time knots a Compass by Amplitude of old the Compass by Azimuth of observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 8.	fms. poberved at served at urs	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " " " " " " " " " " " " " " " " "	221 73 23,	72	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal constanted Coal remaining M. 1 2 3 4 5 6 7 8 9	Thronometer from Forencon Of the time knots a Compass by Amplitude of old the Compass by Azimuth of observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 8.	fms. pobserved at served at ters as a served a	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " " " " " " " " " " " " " " " " "	221 73 23,	72	"" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining M. 1 2 3 4 5 6 7 8 9 10 11	Thronometer from Forencon Of the time knots a Compass by Amplitude of old the Compass by Azimuth of observed during the preceding 24 hours are collected during the ng on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 8.	fms. p beerved at erved at erv	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " " " " " " " " " " " " " " " " "	221 73 23,	72	"" Illons. " Ibs.			
Longitude by C Current during Variation of the Variation of the Water expende Water remainin Coal consumed Coal remaining M. 1 2 3 4 5 6 7 8 9 10	Thronometer from Forences Of the time knots a Compass by Amplitude of old the Compass by Arimuth of observed during the preceding 24 hours are collected during the mg on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 28. 28. 29. 29. 29. 29. 29. 29. 29. 29. 29. 29	fms. pobserved at served at ters as a served a	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " " " " " " " " " " " " " " " " "	221 73 23,	72	" Illons. " Ibs.			
Longitude by Courrent during Variation of the Variation of the Water expende Water remaining Coal consumed Coal remaining M. 1 2 3 4 5 6 7 8 9 10 11 Mid. Longitude by	Thronometer from Forences Of the time knots a Compass by Amplitude of old the Compass by Arimuth of observed during the preceding 24 hours are collected during the mg on hand fit for use at Noon during the preceding 24 hours are not hand at Noon See No. 28. 28. 29. 29. 29. 29. 29. 29. 29. 29. 29. 29	fms. pobserved at the proceedings as a served at the proceedings are the proceedings as a served at the proceedings are the proce	er hou	30.08 " " " " " " " " " " " " " " " " " " "	57	57 " " 56 " 50		be " " " " " " " " " " " " " " " " " " "	221 73 23,	72	"" Illons. " Ibs.			

Enumere and Entil & a.M. Cool pleasant eventur - Light bruge from N.W. at 2 Ship Eurung to flood - Digued Wainweight Kellogg (Tiqued) Wainwright Kellogg.

From 4 to 8 a.M. Pleasant weather. Light being from U.W. Riding to

(Tiqued) f. K. Cogewell. From 8 to Uluid. Clear and pleasant. Light U.W. 4 ain. at 8.45 "Plymouth" made fereparatory signal 5446, and at 9 octock 5446.
Local sail to a bowline. Suspected at quarter at 9.30 and expecied 1st and 2 and divisions with small anns. (Signed) J. T. Pullivan. Lieut.

"From Muid to & P. M. Cool and feliaeant. Light U. W. Luze. at 3.15 "Glyenouth" Liqualed fereparatory 4826, at 3.30 4826. Fulled Rail. Low walter at 4.

(Signed) f. K. Cogewell. From 4 to 8 P.M. Clear and pleasant. Light W. 4 aire. Turing to the flood at 4.10. Muslind own at quarters at 5 octock.

From V to Midwight. Clear and cool. Calm. High water at 1.40.

(Tigued) f.K. Cogewell.

Variation of the Compass by

5° 100	Rate,	6	Guns

	of the UNITED	STATES Ster	ann	u	ä	20	dey	1				301	ex	R
				0	7	9	lii	lao	uy	Iluia	Ta.			
		WINDS.			BAROMI	-		PERAT	-					
Hour.	Knots. si Courses ateer		Force.	Leeway.	Height in inches.				Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 19ths.	State of the Sea.	Reco
A. M.		1												
1		u.	2		8010	50	49			be	Cum	6		
2		"	"		11		48			//	"	5		
3		"	"		"	48	47			"	"	11		
4		"	4		4	47	45			4	"	2		
5		И.Е.	3		11	11	46			osu	Cum Him	10		
6		"	11		"	48	47			"	"	11		
7		"	H			49	48			"	"			
8		"				50	49			"	"			
9		91.	2		"	"	47			od	Himb	"	8	
10		"	"		"	"	"	8	30	"	"	"		
11		"	3		"	"	"	833	55	"	"		3	
00D.		"	11		"	"	"			"		4		
-			77	-		77					-			
I	Distance run by Log since	e preceding Noon									knots	fath	oms.	
	Latitude by D. R. at Noo											,	"	
	Longitude by D. R. at No												"	
	Latitude by Observations										•	,	"	
L	Longitude by Chronomete	er from Forenoon Observ	utions	0									"	
	Current during the time				r, setting	to th	e							
v	Variation of the Compass	by Amplitude ⊗ observ	ed at			to th	0					,		
V	Variation of the Compass Variation of the Compass	by Amplitude ⊗ observed	ed at			to th	0					,	"	
V	Variation of the Compass Variation of the Compass Water expended during th	by Amplitude ⊗ observed by Azimuth ⊗ observed he proceding 24 hours	ed at	Sunr	ise	to th	0				221	,	"	
7	Variation of the Compass Variation of the Compass Water expended during the Water	by Amplitude ⊗ observed by Azimuth ⊙ observed he preceding 24 hours during the prec	ed at	Sunr	ise	to th	0					gal	lons.	
, , , , , , , , , , , , , , , , , , ,	Variation of the Compass Variation of the Compass Water expended during th Water Water remaining on hand	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec i fit for use at Noon	ed at	Sunr	ise	to th	e				221	gal	lons.	
V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the preceding fit for use at Noon a preceding 24 hours	ed at	Sunr	ise	to th	e			10	2//	, gal	lons.	
V V V	Variation of the Compass Variation of the Compass Water expended during th Water Water remaining on hand	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the preceding fit for use at Noon a preceding 24 hours	ed at	Sunr	ise	to th	e			146	21%	, gal	lons.	
V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec i fit for use at Noon preceding 24 hours at Noon	ed at	Sunri 24 h	ours					146	2//	90	lons.	
V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the preceding fit for use at Noon a preceding 24 hours	ed at	Sunri 24 h	ise					146°	2//	90	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec i fit for use at Noon preceding 24 hours at Noon	ed at	Sunri 24 h	ours					146	2//	90	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the preceding 24 hours during the prec difft for use at Noon to preceding 24 hours at Noon Gu. W. W.	ed at	Sunri 24 h	90-06		46			146	21;	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec if fit for use at Noon preceding 24 hours at Noon **CLU. &C. **	ed at at st	Sunri 24 h	So-06	50 "	46			146	21; " /:	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec if fit for use at Noon preceding 24 hours at Noon CL. M. SU.	ed at at at grant of the state	Sunri 24 h	30-06 "	50 "	46"			146	21; " /:	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec if fit for use at Noon a preceding 24 hours at Noon CL. U. W. "" ""	ed at at seeding	Sunri 24 h	So-06	50 "	46 " " 47 "			146	21; " /:	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the proceeding 24 hours during the proc difft for use at Noon to preceding 24 hours at Noon **CLU. &U. "" " " " " "	S "	Sunri 24 h	30-06 " "	500	46 " " 47 " "			146	21; " /:	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the proceeding 24 hours during the proc difft for use at Noon to preceding 24 hours at Noon **CLU. &U. "" " " " " "	ed at	Sunri 24 h	30-06 " "	50 " " " " " " " " " " " " " " " " " " "	46 " " 47 " " " " " " " " " " " " " " " "			146	21; " /:	85	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the proceeding 24 hours during the proc difft for use at Noon to preceding 24 hours at Noon **CLU. &U. "" " " " " "	S "	Sunri 24 h	30-06 " "	500	46 " " 47 " "			146	2/1/2000 " /:	85	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the proceeding 24 hours during the proc difft for use at Noon to preceding 24 hours at Noon **CLU. &U. "" " " " " "	ed at	Sunri 24 h	30-06 "" ""	50 " " " " " " " " " " " " " " " " " " "	46 " " 47 " " " " " " " " " " " " " " " "			146 or " " " " " " " " " " " " " " " " " "	21; " /:	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec if fit for use at Noon a preceding 24 hours at Noon W. W. W.	ed at at edding	Sunri 24 h	30-06 " "	50 " " " " " " " " " " " " " " " " " " "	46 " 47 " " 46 " "			146 or " " " " " " " " " " " " "	2/3	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the preceding 24 hours during the prec of fit for use at Noon to preceding 24 hours at Noon **CLAL &U.* " " " " " " " " " " " " " " " " " "	ed at i at	Sunri 24 h	30-06 "" ""	50 " " " " " " " " " " " " " " " " " " "	46 " " 47 " " 46 "			146 or " " " " " " " " " " " " " " " " " "	21;	90 95	lons.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed by Azimuth © observed he preceding 24 hours during the prec if fit for use at Noon a preceding 24 hours at Noon	ed at at edding	Sunri	30-06 " " " " " "	50 " " " " " " " " " " " " " " " " " " "	46 " 47 " " 46 " "			146 or " " " " " " " " " " " " "	2/3 Wint	90 95	lloas.	
V V V V V V V V V V V V V V V V V V V	Variation of the Compass Variation of the Compass Water expended during the Water Water remaining on hand Coal consumed during the Coal remaining on hand a	by Amplitude © observed the preceding 24 hours during the prec of fit for use at Noon to preceding 24 hours at Noon **CLAL &U.* ** ** ** ** ** ** ** ** **	ed at at edding	Sunri	30-06 " " " " " "	50 " " " " " " " " " " " " " " " " " " "	46 " 47 " " 46 " "			146 or " " " " " " " " " " " " "	2/3	90 95	lons.	

Commences and entit & a.m. Clear and cool. Light to by buye. Riding to est. Moon role at 12.15. (Tigand) f. T. Pallivan. From & to & a.M. Overcast. Bool. Damp. Duagueatte. Moduate U.E. wind. Flack Evalue at 4.30. Furning to flood at 5:10. at 6.25 "Plymouth" fixed a salute of thinteen game. at & dured ship, by order of Philos Officer Brent. Fine small tur main boilers. Received fush Justicions in Paymouties Department. Paymasters Department. (Tigued) Richard J. Davenport From 8 to Elevid. Weather overcast, with despling rain in latter part of watch. Suspected at quarters at 9.30. Low water at 11.30. (Tigued) f. K. Cogswell. From Muid to & P.M. Overcast and rainy, with light heeye from the I of and Evel at noon U. P. F. Plymouth find a salute of xy gund-Riding to est dening watch. Signed) Wainwright Kellogg.

From & to & P.M. Overcast and rainy- Polit U. W. Huge . at sumet the U. S. S. "Ply mouth" fired a salute of thinten guns. f. f. Diffitus (on) left the gig while ashow on duty- High water at 5.

(Figured) f. K. Cogswell-

From 8 to Midnight. Goncart. Freelowing. Bool. Dieagueable. Light With truse. Com Himb cloude. Plack water at 10. Forung to est at 1050. Hour on tur boiler.

(Tigued) Cichaed J. Davuport.

Examined and found to be correct.

AselValler, Navigator

LOG	of	the	UNITED STA	TES Sc	iau	uu	of of	901	92	efila	elec	Yoliia	9a.	٩٠٠	ed	Rate, 6 G	uns
				WENDS.			BAROME	TER.	110	MPERATU	THE.			34			
Heur.	Knots.	Pathena.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Alr Dry Bulb.	Air Wet Bulb.	Water at serios.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is at end of watch.	noder
A. M.																	
1				2.	06		30.09	48	45			oc	Hint				
2				11	N		"	H	-				. 11				
3				*			N	*					"				
4				"			"						"				
5				n. n. &.	2		90-10	47	44			be	"				
6				"	M		80-12		43			"	Ci Cum	5			
7				.*	-		80.14						"	6			
8				"				*	"				4	1			
9				*	3		80.12		44			"	"	G			
10				"			30.11		41			*		7	-		
11				"	"		4	49				"		8			
Noon.				"			"	51	47			"					
									/								

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Iatitude by Observations at Noon ⊕		
Longitude by Chronometer from Forenoon Observations ⊙		, ,
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		, ,,
Variation of the Compass by Azimuth ⊙ observed at		, ,
Water expended during the preceding 24 hours	22	/ gallons.
Water during the preceding 24 hours		**
Water remaining on hand fit for use at Noon	31	90 "
Coal consumed during the preceding 24 hours	tons /	90 " 430 lbs.
Coal remaining on hand at Noon	145 " 9	45 "

2						
2 " " " " " " " " " " " " " " " " " " "	P. M.					
3 " " " " " " " " " " " " " " " " " " "	1	Ev. 2. 20. 3	80.00	51 50	te	cie am 8
4	2			11 0	"	" "
5	3	" 2		" "		. "
6	4			" "	"	11 11
7 8	5		80.07	" "		0 9
8	6	. /	30.08		"	" 10
9	7		90.09	11 11	1	11 11
10 " 50 46 " " "	8		30.10	52"	"	0 9
30,70	9			" 48	te	Cie Hu "
11 " " " " " " " " " " " " " " " " " "	10		"	5046	"	4 "
	11				4	" "
Mid. " " " " " " " " " "	Mid.			" "	"	" "

Longitude by Chronomete	r from Afternoon Observations ⊖		,	
Longitude by Chronossete	r from Observations *		,	
Variation of the Compass	by Amplitude observed at Sunset		,	"
Variation of the Compass	by at		,	

Communes and emtil & a.M. Weather overcast and cool. Light air from the It of Riding to the est.

(Signed) f. K. Cogswell.

From 4 to 8 a.M. Clear, cool and pleasant with light being from In of and Evel at 5.80 luring to flood. Acceived in Paymaeter Department 160 the of fuch buf and 120 the of wegetable.

(Signed) Wainwright Kelyogg-

(Tigued) Wainwright Killogg

From 8 to Merid - Clear . Good . Pleasant . Moderate n. W. Edind . Cie Cum cloude. Fact acet Payenactic Y. D. Hard but and Pact acet Jugeon Wow D. Davie returned from leave. At 9.30 bunetimed your at quartie. G. S. Priffithe (Borg) was reported about without leave. At 9.45 "Plyenouth" enable fleefees along signal 5455. At 9.50 Signal 5455. At 9.55 loved sail. By order of the Hary

Department, Castet Eugineer Q. J. Reid H. H. Stione and W. V. Duning were detached from the ship and ordered to the U. J. J. Ranger" - Plack water at 1045. Juney to the est at 11.20. Please on this boiler. By order of County Officer S. V. Marion (Tong) to the sease for not coming aft when word was Jeaned. There C. Peuts (P. Marion (Tong) Solve Gabel (Bog) explica well further order for overlaying leave. Phillip Kincade and Daniel Hilly Shipped at Lot for the years general Survice.

(Figured) Richard J. Damps From Meriod to 4 9.201. Clear Cool Pleasant. Light W.M. W. wind at I velock fuled sail. Risting to ett during watch.

(Tiqued) Wainwright Kellogg.

From 4 to 8 9.201. Clear Bool. Pleasant. Light & A. W. heye. Mentud crow at quarties at 4.50. Plack water at 6. Furing to flood at 6.30. Steam on the boilers.

Signed Gichard & Darufut.

From 8 to Midnight. Weather cool, clear and pleasant with light airl from 9 of and 20. Riding to flood during watch. Distilling with live main boilers. Plack water at 11.30. Suring to ebt at 12.

(Tiqued) Wainwright Kellogg.

Examined and found to be correct.

Asalvalker Lient

LOG	7 of	the	United Sta	TES Stia)	.,	â	90	00.					9-	ed	Pata	6	C
Loc	01	the	UNITED STA	TES JACK	lee	er	Off	,	Plu	ila	dely	blia	Ta.	,		Rate,	6	Guns
				MITTING.				-		-								
Hour.	Knots	1	Courses steered.	WINDS.			BAROME		-	PERAT		State of the Weather, by symbols.	Forms of Clouds, by symbols.	Clear 10ths.	State of the	Broard of the s	all the vessel	la under
		Pathons		Direction.	Force.	Leemay	Height in inches.	Ther.	Ale Dry Bulb.	Wet Bulb.	Water at surface.	by symbols.	symbols.	Prep. of Clear Sky, in 10ths.	Sea.	all en	d of watch.	
A. M.														40				
A. M.				En. Ev.	,		30.10	10	45			1		14				
2				00.00.00.	2 "		30-11	71	70			N		10				
3							11.00					"		"				
4							4					"		"				
5				Dr. W.	3			4	44									
6				Er. 80.480.	-		30.12	11				,						
7				"			30.14	"	45									
8					,		90.16		47									
9				*	4		30-19		50									
10					,		30.18	50	-					**				
11				"				56										
Noon.								60	"					4				
THE R. P.								-										
	Distar	oce rui	by Log since prec	eding Noon									knots	fath	oms.			
			D. R. at Noon										· ·	, man	OHIS.			
		1911	y D. R. at Noon															
			Observations at No	on 0										,				
				n Forenoon Observ	vtions	0												
			ing the time				r, setting	to the										
				mplitude © observ										,				
				zimuth © observed									1.19	,	n.			
			ded during the pre										121	m	Nome.			
		_		during the prec	oding	94 h	ones.						36					-
			ining on hand fit fo				-						219	00	44			
			sed during the prec									10						
			ing on hand at Noo									144	65	-0	-			
			and a	Na.								11.		-				
P. M.																		
1				Dr. 20.	4		30-16	60	58			1		10				
2				"	"		30-14		"			,		,				
8					5		"	11	"			,						
4							30-12	-						"				
5					2		30-14					,						
6				,	1		30.15					,						
7		1		"					58			,	1333					
8				Colu	0		"	"	1					"				
. 9		1		"		18		55	52					4				
10		I		Galu 4.9.20.	1		"		51					"				
11				"			30-16					"						
Mid	-		TO SERVICE SER	"	2				149					41				
-	1	1			-	-		-	1									
	Lot	ngitude	by Chronometer fr	om Afternoon Obse	ervatio	ons ©								,				
			by Chronometer fr				*							,	"	-A		
			of the Compass by		erved	at St	inset							,	"			
	Va	ristion	of the Compass by		at									,	*			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and suite & a.M. Clear, cool and pleasant water with light being from the El. W. at 1 octock ship suring to est. Figured) Wainwright Kellog. From & li & a.M. Clear . Cool . Pleasant. Uliety . Light Er. W. bruge . Plack water at 7 . Puring to flood at 7.30 . Fitam on his boilur . Dietitling . From Mind to 4 9.80. Clear Cool Pleasant Misty. Light Please on the Country of Sunt.

Thom Mind to 4 9.80. Clear Cool Pleasant Misty. Light 180. Sheep, cir cum cloude - Plack war at 12:30. Fung to est at 1. Tham on her boiled. Dietiting.

Thom I to 8 9.80. How war of 12:30. Fung to est at 1. Tham on her boiled. Dietiting. From & to & 9.81. Hazy weather Light 9.80. by aire. Riding to est From 8 to Elicate Overcast Good Pleasant Mily Light I. W. huye. Cum Mint clouds. Plack water at 8. I burned to flood at 8.30. Itam on live boiler. Distilling. Digued Cichaed J. Daverport.

9

10

11

Steamer Esty" 3º "Rate, 6 Guns, Off Philadelphia Ta. State of the Weather, by symbols. Proma of US at State of the symbols. Er. Ev. 2 30-12 52 51 10 11 30.15 " . ï 30-14 53 52 90.15 " "

" 5554

30-125756

" 5958

80-106060

Calm

0

Distance run by Log since preceding Noon	knots	fathoms.	
Latitude by D. R. at Noon			
Longitude by D. R. at Noon			
Latitude by Observations at Noon ⊕		. "	
Longitude by Chronometer from Forencon Observations ⊗			
Current during the time knots fins. per hour, setting to the			
Variation of the Compass by Amplitude ⊗ observed at Sunrise			
Variation of the Compass by Azimuth ⊙ observed at		. "	
Water expended during the preceding 24 hours	221	gallons.	
Water Couclesed during the preceding 24 hours	363		
Water remaining on hand fit for use at Noon	250	5 "	
Coal consumed during the preceding 24 hours	/, tons 62	O lbs.	
Coal remaining on hand at Noon	149" 3	0 "	

P. M.									ı
1	9.EV.	2	30.08	GS	61	1 su	Cie Cum	9,	I
2	,	,	30.06	64	GO	"	"	8	ì
3			30.02				#	"	1
4	"			"				"	1
5	"	H	"	64				10	
6	"	1		63				,	ı
7	"	"	4	62					
8	"	"	41	61	"		"	4	
9	*	"	80.0:	5 .	61		Cum Him	15	
10	"	4	80.00			*	"	4	
11	*		. "		60	,	"	0	
Mid.		4		4			"	"	

Longitude by Chronometer from Afternoon Observations © Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Communes and sulit & a.M. Overcast. Light aire and calm. Jung to From 4 to 8 a.M. Pleasant eventur. Miety. Light ain from & and & t. Questing to ett lide during watch. Received in Pay Department 160 the fuch buf and 120 the regelable. Signed Wainwright Kellogg From I to Muid - Overcast - Cool Pleasant Miety - Light M. M. W. huye . Com Himb cloude - at 9.50 mustered and interested cur at quarter. 1 et Division and Marine grand excercised at Small and, Pourde Division at Statione - Please on two boilers . Riding to flood. (Tigued) (ichard 9. Davuport. From Merid to & F.M. Overcast and pleasant first part of watch. Raining latter part- Plack water at 2-30. Furing to ett at I Midelipmen Giclibral Henduson and T. D. Griffin reported on foard for duty. Far a.
Freeman (Role) was discharged from this ship and the Haral shrice by order of Havy Department. Received in Havigatore Department 97 sinkers for counding, and one refereimm cylinder By note of Commanding Office, Win H. folmon (N.G.S.) disrated to (N.G.C.) Tigued Wainwright Kellogg. From 4 to 8 9. M. Overcast Rainy Gool . Disagmathe . Light 4, 91. E. bruge - nimb clouds . Riding to est. Tleam on low boiles (Tiqued) Tichard 9. Davenpart. From 8 to Mideright. Overcast and saining with feels buye from not and Ed. at 9 suring to flood. Bistilling with two main biles. (Figured) Wain wight Kellogg.

		C)		,	9		"				0.4	est			
LOG	of the UNITED STA	TES Stu	am	u	(0	ele	4			-	9-1	"	Rate,	6	Guns,
					4	1	1	Ph	ila	delplu	a Ta					
		WINDS.			BAROME	TER.	TEM	PERATU	R.E.			34				
Hour.	Knots. g Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Ale Doy Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the s	oil the year d of watch.	el is under
A. M.																
1		9.W.	1		Soot	60	59	53		to	ann	2				
2					,	"				"	"	1				
3		Calm	0			59	58			"	*	0				
4		"				11	"			"	"	"				
5		Ev. 20. Ev.	1		30.06	"	59	100		te	Cie Cum	5				
6		,			3008	*	,	3-4		"		6				
7			4				"	1		"	"	9				
8			N				"		-		"	"				
9		n.n.w.				GO	Go			be su	au Him	14				
10		"	*		30.07						*	2				
11		,	,		30.06					osu	"	0				
Noon.		4			"	66	66			"		"				
			-	-	-	-					-		-			
I	Distance run by Log since prec	eeding Noon									knots	fath	oms.			
I	atitude by D. R. at Noon												"			
I	ongitude by D. R. at Noon												"			
I	atitude by Observations at No	0 200											"			
1	ongitude by Chronometer from	m Forenoon Observ	stion	0 8								,				
0	Current during the time	knots fir	as. pe	er hou	r, setting	to th	0									
	Variation of the Compass by A			Sunr	ise								"			
	Variation of the Compass by A		at								100		"			
1	Water expended during the pre-	oceding 24 hours									22	/ ga	llons.			
	Water	during the prec	eding	g 24 h	emours								**			
1	Water remaining on hand fit fo	or use at Noon									219	70	41.			
	Coal consumed during the prec									1,	0118 18 11 F	10	lbs.			
	Coal remaining on hand at No	00								141	" f.	85	44			
P. M.		THE REAL PROPERTY.			1000				1			T	T		,	1
1		n.n.w.	3		30.09	-	-			0	Cun Kin					
2		10,00,00	4		10.07	0	00			"	N N		100			
3			,			,	,			or	"					
4				100				17	700	,	"					
5		n.21. E.	2	100	3010		G5				Himb					
6		"	1		80.11					"						
7		"			30.12			_				1	-			
8					30.15					"			100			
9			3				55				"					
10			4	_			54					1				
11			"				3 50					19				
Mid.			4							"	"		100			
-			1	1												
	Longitude by Chronometer f	rom Afternoon Obse	avati	ons ©								,				
	Longitude by Chronometer f	rom Observations			*									1000		
	Variation of the Compass by		erved	at S	unset							,				
	Variation of the Compass by	1	nt									,		1		

Communes and Sentil & a.M. Overcast. Raining. Cool. Dieagenate. Freele M. E. sirud. Mint clouds. Please on lier tribus. Hack water at 1.45. Fung to ebt at 2.15.

From & to & a. El. Overcast and rainy. Wind moderate from 2 and 6: Riding to est tide.

Figures f. T. Jullivan.

From 8 to Muid. Overcast and sainy Fresh M. C. 4 here. at 8.15 made signal interograp 48 86. "Ply month" answered 904. At 8.30 suring to flood. By order of Commanding Office, 6d 9. Buske (2008) satist (20.8.)

(Ligned) Wainweight Kellogg.

From Muid to 4 9.8M. Overcast and rainy. Bool. Moderate biege from nd and bod Glack water at 1.30. Havy Yard ling came along side at 1. Young to ell tide at 2.30. at 3.30 "Thy worth" brade ligual 1047 and dingy was sent to be. Charles Ichlichter (2.0.0) was discharged from this visual and the Glaval Service, at his own request, by order of the Chief of Bureau of Equipment and Recuiting - Received the following slove in the Pay Department Vig. I Bole Breef. I Bol Rice. I BH Brutu 3 Bble Beaut. 2 Bble Flow. 2 half Bble Rice. 2 Kege Ficklet. 10 Boyle Turwood Mat. 7 Boyer Candler. I Bale Hueling Frocks. I Bale Duck Fault. I Bale Woolen Yocks. 6 Boylet Yoap. 1 Boy Take. I Boy Swing Tilk.

Figured f. T. Pullivan.

From of to & T. M. O vercast and raining with light there from not and En. Riding to est during watch. Commenced distilling at 6.30 with tur main toiler.

(Tigued) Waniwright Kellogg.

From 8 to Midnight. Osucast and cool. at 9-10 Hack water. at 9:30 begun to swing to flood. at 10-10 suring to flood.

Signed) J. T. Fellivan.

Examined and found to be correct.

AsaWalker, Navigator.

Variation of the Compass by

Steamer Extry" & Rate, 6 Guns, Off Philadelphia Te.

lour. Knot				_	-		_	0		_	-			
our. From			WINDS.			BADOME	TER.	TEM	PERAT	UHE	State of the	Vormand	De la	State
	Puthons.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther.	Air Dry Bulo,		Water	Weather, by symbols.	Forms of Clouds, by symbols.	of Clear, in 16ths.	of the Sea.
	Pat				3	inches.	att'd.	Bul.	Bulb.	at surface.			Party State	
M.														
1			и.в.	4		30.13	50	50			ou	Unint	0	
2						30-12	51	*			"	"		
3						"	"				"		11	
4						-	11					,	4	
5						"	"				or	"	"	
6	166			3		"						"	"	
7						30.10	#					"	"	
8				"		H	"					"	"	
9				4		30.09	N	40	49		"	"		
6				5	199	"		"	11		"	"	,	
1	1			0		"			"		"			
72 10	1						,				"	"		
OD.								-					-	
The state of the s		a ba T	or Error Warre											
		in by Log since pro	ceding Noon									knots	fath	oms.
		D. R. at Noon										•		
		by D. R. at Noon										-	'	
		Observations at N												"
Long	gitude l	by Chronometer fro	m Forenoon Observ	ation	8 0								,	"
Curr	rent du	ring the time	knots fi	ns. pe	er hou	r, setting	to the	9						
Vari	istion o	of the Compass by A	Amplitude ⊗ observ	red at	Sun	ise								**
Vari	iation o	f the Compass by A	Azimuth @ observed	at									,	A
Wat	er expe	ended during the pr	eceding 24 hours									221	/ gai	llons.
Wat	ter		during the pre-	codin	g 24]	hours								
Wat	ter rem	asining on band fit f	or use at Noon									25.		66
Coal	l consu	med during the pro	ceding 24 hours									" 86	60	lbs.
Coa	l remai	ining on hand at No	on .								140	" 86	5	**
. M.	T									-				
1			n.n. E.	3		30.00	4	10	1		410	Wint		
	773		00,00,00,	100	-	80.10					or	nuub	0	-
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2 3	1						-	8 4				-		
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3 4						30-14		47			,	*	"	
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3 4 5 6			n,6,			30-12	45	47.				*		
3 4 5 6 7			n,6,			30-12	45	47 46				# # # #		
3 4 5 6 7 8			n, 6,	2		30-12	45	47 . 46				" "		
3 4 5 6 7 8 9			"	. 2		30-12	45	47 . 46				# # # #		
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3 4 5 6 7 8 9 10 11			"	2 " " " " "		30-12 30-14 30-21 30-21 80-8	45 45 45 45 "	47 . 46			,	# # # # # # # #		
3 4 5 6 7 8 9 10 11 Mid.	ongits	de by Chronometer	"	2 " " " " "		30-12	45 45 45 45 "	47 . 46			,	# # # # # # # #		

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communed and until & Q. M. Overast and cold with light huye from U. Surung to est at 2.40. Distilling with live main boiled.

Signed) Wainsnight Kellogg.

From & to & a.M. Overcast. Cold. Damp Disagnate. Light n. 4 Co. freye, Com nimt cloude. Riding to est. Please on live toiled.

Signed (Cland J. Daverport

OFrom 8 to Merid General and cool, light hery from & of and Evel at 8.30 suade interogation liqual 55/9. At 9.30 impected at quarter. 1st Division deithed at facings. 2 and Division at lingle sticks. At 8.30 Mach water. At 9.50 luring to flood lide. Platted all fine at 10.15. At 12 hoisted Tilot signal. During watch got in shut chain and look off morning swivel, hove in to 15 fatherns on fort chain, vered to 45 fatherns on startoard chain.

Signed f. T. Fullivan.

From Muid to & P.M. Dericalt. Piglet M.W. buye, circum cloude. at 12:35 Pilot came aboard. At 1 a board of afficient compound of Bapt Bauch. Chief Engine Lowing - Limb Court W. B. Hoff and aret Engineer Huning came aboard. Phips deaft 18 feet 2 in forward. 15 feet 4 in audichips. and 16 feet 5 in aft. At 1 called all hands unword slipe at 115 Hay Efact ling allivered boy for Harigaling office. At 1:25 have up and catted front anchor and hove short on elastroard cleain. At 1:30 W. f. Harrow (B) was placed in rolling confinement, on flead and water, for insubordination. by order of Courty Office. At 2 called all hands up anchor. At 2:15 got underway. Average steam freezen 81 lbs Revolutions 13.

From 4 to 8 9.94. Clear and cold. Finished trial trip at 5 octock and stood up to anchorage off foot of Vine It Philadelphia. At 5.30 came to with the flort anchor in I falteone water vering to 25 falteoned chain. Pranked fire. Riding to the est.

(Signed) f. T. Pallivan.

From V to Midnight. Clear Cool . Damp. Light variable fleeze . Pringlet starlight. Plack walte at 10. Tuning to flood at 10.00. Pranked fiel.

Examined and found to be correct.

Signed Richard J. Davenport

Asallacheer Navigator.

						-	_	_				The second second		-
			WINDS.			BAROME	TER.	TEM	PERAT	CRE.	State of the	Young of	Clear	State
Hour. Kno	Fathona,	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulls,	Air Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Ben.
A. M.														
1			En.	2		3030	45	4	46		0	auce		
2				R		"		"				"		
3			"			"					"	"		
4			"			-4								
5			91.46.	"		80.32	"	47	,			Com Him	4	
6						80.85		"						
7						30.88	46	45	47			"		
8						3041	48	47	48					
9	13		n. w.42.	- +		30-42					"	"		
10			"			"	11	"	"			4		
11	100		U. W. 4 W.			80.48		45	44					
Noon.	1		"	"		30.40		46	46		4			
Die	tance r	in by Log since pre	ceding Noon									knots	fath	oms.
		D. R. at Noon	Transport of the same of the s									* a	, marin	W.
		by D. R. at Noon												"
		Observations at No	0											
Tati			WHEN THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY NAMED IN COLUMN TO THE											
													,	
Lon	gitude	by Chronometer fro	m Forenoon Observ						400				,	
Lon	rent du	by Chronometer fro	m Forencon Observ	ns. pe	r hou	r, setting	to the	,					,	
Lon Cur Van	rent du	by Chronometer fro ring the time of the Compass by A	m Forenoon Observ	ns. pe	r hou		to the						,	
Cur Var Var	rent du	by Chronometer from ring the time of the Compass by A	m Forenoon Observed knots fn Amplitude ⊙ observed	ns. pe	r hou		to the							
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Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

Commences and until & a.M. Clear and cold. Light aris from the E. Turng to the est at 5.50. Signed f. T. Pullian.

(Figued) Wainwight Kellogg.

From 8 to Meriol. Overcast and cool. Light bruge from U. B. at 455 suade interogation signal 5455. at 9 loved sail. at 9.45 stowed shut anchor below. at 11.30 sectional in Pay Department 2983 lk bread. Plack water at 10. Forung to flood at 10.30. Banked fine.

Signed Pichard J. Danufort.

From Meriod to 4 9.M. Overcast and cool. Light bruge from 200 and 8th at 2 Physiconthe made signal 4826. At 2.05 furled sail. At 2.80 sent down top gallant yards bent top gallant sails and crossed them again. Folin Kink (B) left gig without furnission and was left ashow but retined to ship one hour latter. At 3.55 luring to the Middlike of Allen whosted on for duty. to ebb. Midelipman W. H. allen reported outourd for duty.

(Tigued) Wain wright Kellogg.

From 4 to 8 9.M. Goucast. Gool. Damp. Disaguable. Moduate W. E. tury. cum nimt clouds. Isung to est at 4.30. at 4.40 sunstand crue at quarters. F. N. Gole (Or) desulted from dingy while on duty- Banked time. Signed (ichard J. Davenport.

From 8 to Midnight. Derecast, cool, damp, raining during last hour, light M. E. wind. At 10.20 suring to flood. Diqued) Wainwright Kellogg.

Examined and found to be correct.

Acal Talker,

Variation of the Compass by

LOG of the United States Steamer Extey" 3 rd Rate, 6 Guns Off Philadelphia Ta.

							"			/				
		WINDS.			BAROME	THE.	TES	CPERAT	UER.			11		196
Hour.		Direction.	Force.	· Cus	Beight in	Ther.	Alr	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State of the Sea.	Record
	Parts	Larectons.	I area	Leeung	Height in inches.	att'd.	Alr Dry Bulo,	Wet Bulb.	nt surface.		7	Prop Sky,		137.3
A. M.		0												
1		6	1		3050	48	44	48	-	1		10		
2		"	4		11		1					"		
8			4		"	47	40	44		"		"		
4		"			"	1	45	40		"		"		
8		91.6.			11	"	10	10		0	Com			
6		10,0,			01.	1.		1.						
		"	2		3042	45	1.1	75			N N			
7		-	3		"	4	44	**		"	"	"		
8		"			1000	11	1	1				"		
9		B. B. D			"	43	45	46		"	"	*		
10		n.n.C.			"	14	46	47		"	11	"		
11		206	4		"		11	49	9		"	4		
Noon.		"	11		30.40	45	50	51			"	"		
hanne														
	Distance run by Log since pre	eceding Noon									knots	fath	oms.	
	Latitude by D. R. at Noon													
	Longitude by D. R. at Noon													
	Latitude by Observations at N	loon ⊕											5	
	Longitude by Chronometer fre	om Forenoon Observ	rations	0									,,	
	Current during the time				r, setting	to the								
	Variation of the Compass by											,		
	Variation of the Compass by			Duni	eoc .								"	
			· mi											
	Water expended during the po	STATE OF STREET	- 31-								221			
	Constitutes		ceding	24 8	KOMES						36			
	Water remaining on hand fit										219	0		
	Coal consumed during the pre									132	2/	60	lbs.	
	Coal remaining on hand at N	000								132	" 4	15	"	
D. W.														
P. M.		0.0			1000		200		-					
1		n.C.	3		30.35				3	0	Cum			
2		"	4		3036	48	52	"		"				
3		"	"		30.82	50	54	54		N	"			
4		*		1	"	52	4	11			"	2		
5				1	80.34	55	53	"	13			1	23	
6	No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	*			30.30	"			1		"			
7		"		100	"	"	54	53	369	"			3	
8		"		13	"	54	"	50		"				
. 9					"	"	4	"		"	*			
10		"			"	"	"	"		"	"			
11		"	4		"	4		"		"	"			
Mid	1		"		"	"	"	-		or	"			
-			-	1	1	1		-		-			-	
	Longitude by Chronometer	from Afternoon Obe	ervatio	ons ©									*	
	Longitude by Chronometer				*									
	Variation of the Compass b		served	at Su	meet							,	".	
	NAME AND ADDRESS OF THE OWNER, WHEN PERSON AND PARTY AND PARTY AND PARTY AND PARTY AND PARTY AND PARTY.	the same of the sa												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Vonmence and until & Q.M. Orecast. Rainy. Good. Disaguable. Moderate W. E. wind. Mint clouds. Riding to flood. Franked fire. From & to & a.M. Overcast and rainy. Light bruge from the Et and Ed. Through to the est lide at 4-30. Time banked. (Signed) J. T. Pullian-From 8 to Muid. Orecast and rainy. Light buy from It of and Evel-Turing to flood at 11. Occar 9. Hunting (R. Mi) was decland a dunter ofform this day having been about from the ship his days without leave. Suspected tags. Franked fine.

(Signed) Wainwright Gellogg. From Muid to 4 9.20. Generalt and raing. Light bruge from W. B. Havy Egard ling came along side and delivered one dup sea sounding apparature. Degued f. T. Fullivan. Dient.

Trom & It & 9.20. Generalt. Bool. Raing. Disagenable. Finth & ... C. wind. At 4.25 luring to ett. At 10 communed distitling. Banked fins. From 8 to Midnight. Overeast and sainy. Wind fuel from It. E. Hack water at 11.45. Fine tanked.

Signed) Pictor J. Daveport.

Digned) J. T. Fullivan.

Lient.

Examined and found to be correct.

Acollalker, Navigator

Steame Except 30 ed Off Philadelphia Pa.

_	00																
			100		WINDS.			BATIONS	ETER.	THE	CPERAT	URR.		19203	100		
	Hour.	Knots	Pathona	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulk	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols,	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Becor
-	A. M.		100		n.C.	4		30.36	40	50	50		or	nint	0		
1	2					N		0	"		N		N	, and		7/8	
1	3						-	11		-					"		
+			100		11.	-					"			"			
-	4					0			"	"				"	"		
+	5				*	3			"	-	*		"	"	"		
	6			200000000	"	1			50	*			*	"	4		
	7				"		100		51	*			od	*			
1	8			SHOWNER	"				52	51	51		11	"			
	9				*				55	54	51		0		"		
	10				*				**	"							
-	11			100000	"			"	4				or				
2	Noon.		18						4								
L																	
		Dista	D00 F	un by Log since pres	ording Noon									knots	fathe		
				y D. R. at Noon	comp arous									*	rathe ,	ouns.	
				by D. R. at Noon											-	-	
				Observations at No											•	-	
	Longitude by Chronometer from Forenoon Observations ⊗																
		Curre	nt du	ring the time	knots fi	ms. pe	r hou	r, setting	to the	•							
		Varia	tion o	of the Compass by A	mplitude ⊙ observ	red at	Sunri	ise .							,	"	
		Varia	tion o	of the Compass by A	zimuth O observed	dat										~	
		Water	expe	ended during the pre	eceding 24 hours									221	gall	lons.	
		Wate			during the pro	ceding	24 h	ours						,,,			
		Wate	r rem	saining on hand fit fo	or use at Noon									235	7 .		
		Coal	COLIED	med during the prec	oding 24 hours								f 4	× 48	0	lbs.	
				ining on hand at No									127			"	
													14	10/	0		
	P. M.											200					
3	1				я.в.	2		00.	_		_	,		Quint			
	2				6, h. C.	34		30.32	56	5/	51		or	10000	0		
1	3		1		0, 4. 6.		-	80.80			07		0	"	,		
1	4	7			-	-		"	"	H			. "	//	4		
	5					5	200	"		"	56	-	or	-	"		
		-	1		8.0	"		4		11				"			
	6	300	-		п.в.	"	-			58	52				"		
9	7	-	-	1	"				58	51	"			"	"		
4	8		-			"		"					,	"	4		
	9	1	100		"	3			"	52			od		*		
	10	-	-		,	"			"	"					4		
	11		-			35				*					1		
	Mid	-			"	11	100		#	9	-				"		
	No. of Lot	-	-			-	-	-	-	-	-	-		-	-	-	
		Loc	gitud	le by Chronometer fr	rom Afternoon Obse	ervatio	ns O								,		
		Los	gitud	le by Chronometer fr	rom Observations			*							1	"	
		Va	riatio	n of the Compass by	Amplitude obs	erved	at Su	neet									
		Va	ristio	n of the Compass by		at									,	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communed and sentil & Q.M. Osucaet and sainy. Freele buye with enochali equalle from C. M. E. Praconete falling slowly. This lung to flood at 12:10. Franked fine smoke all main boiler. Diqued) Wainweight Kellogg. From 4 to 8 a.M. Weather rainy and equally . Wind from U. C. Howing feels in equalle. Riding to the wind. Puring to the est at 5. Bacometer falling. (Tigued) f. K. Cogewell. From I to Muid. Squally and rainy. Flowing feel from Et. 6, at 9.30 inspection fage at quarties. Folin Hackon (B) released from confinement by order of Com to Office. at 10.50 clack water. at 1150 curing to flood tide. Riding across the write and tide. Fanked fine. Signed) f. T. Tullivan. From Merid to 4 9.20. Overcart, equally and rainy with elift bruge from & d. Pryorder of Com of Officer Phillip Me Dade (In Marine) and folio Folio Frullene (Pr) are declared duration, they having been about from the slife ten days without leave. Riding across wind and lide. Varoruetu falling. (Tigued) f. K. Cogewell. From 4 to 4 9.20. Rainy, equally and overcast. At 4.35 enable interrogatory eigend 6/43. "Plymouth" answered 904. At 4.45 lent down lofe gallant yarde. At 5-10 suring to est lide.

From 8 to Midnight Overcast and rainy. Throng equally from It of and Ed. Riding to the wind. Farometer steady.

(Tigued) J. K. Cogewell.

Examined and found to be correct.

AsaWalker, Kavigara.

Hour. Knots. Courses steered. Direction. Force.	LOG	of	the	UNITED STA	ATES Su	iau	u		·0.0.	, ex If	les	Phil	ladelfell	Jua 9	Pa.	d	Rate, 6 Guns
1. M. C. E. G. So. 28 50 50 51 or g. Unit 2					WINDS.												
1. M. C. E. G. So. 28 50 50 51 or g. Mint 2	Hear.	Knots.	Pathoma.	Courses steered.	Direction.	Furce.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the Sea.	Record of the sail the vessel is under at end of watch.
4					200,00			0	,								
4					·Ou.o.	6		30.28	50	50	51		org	Munt			
4	2				*	5-7		30.27		H	*		"	"			
\$ \\ \frac{4}{5} \\ \frac{9}{67} \\ \frac{3}{67} \\ \frac{3}{6} \cdot \frac{1}{5} \\ \frac{3}{6} \cdot \frac{1}{5} \\ \frac{1}	3					M		30.25		4			"	"			
6 " " 30-22 " " " " " " " " " " " " " " " " " "	4					N		"	R				4	48			
8 " " 30-22 " " " " " " " " " " " " " " " " " "	3				Eu. C.	5.6		30-24		*	50			"			
7	6					4		3022	4					N			
8 " " " " " " " " " " " " " " " " " " "	7					4				51	51						
10	8												"	4			
	9							30-18			4						
11 " 7.9 30.1252 " 51 " "	10					67		30-16	51		52		"				
	11					7.9		30.12	52		51			"			
Noon 7.9 80.18 " - " " "	Noon.												4	*			

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊕		
Longitude by Chronometer from Forencon Observations ©	The same	
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊖ observed at Sunrise		
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	22	/ gallons.
Water Concolered during the preceding 24 hours	45	0 "
Water remaining on hand fit for use at Noon	21	90"
Coal consumed during the preceding 24 hours	of tons 2	
Coal remaining on hand at Noon	124" 14	70 "

г. м.	0.		1000		-		1	
1	6.4%.	7.9	30.06	58	51	52	org	Hint
2	8.		30-02		52	58	,	
8	6.2.6.	"	"		,	54	,	
4	"	"	"	"	"		,	"
5	"	5.6		54	53	"	,	"
6	n.6.4 %.		"	55	54	"		"
7	"	4.5	80.01	,		"	"	
8	,	1	"	54		58		
9				53	"	"	or	
10		4		4	51	50		
11		4					"	
Mid.		4.6			11	4	oc	4

Longitude by Chronometer from Afternoon Observations ⊕	 ,	
Longitude by Chronometer from Observations *		
Variation of the Compass by Amplitude observed at Sunset		.00
Verlation of the Community	,	

, U. S. Navy,

, 1876.

Communes and wall & a.M. Overset and stowny. Blowing a strong Cartily gate with heavy equalle. Prometer falling. Turing to the flood like at 12.80.

Time banked.

Tigued) J.T. Pullivan -

Firm of It & a.M. Doucast. Rainy. Cool. Thick. Disagnate. Polaring a module U. G. gale. Plack water at 5. Paring to est at 5.90. Pranked fire - at 5.30 traced up yarde with frost traces.

Jigued Pichard J. Daverport.

From V to Merid. Overcast, cool, lainy; blowing a unocluste gate from W. E. at & vered to So fatteous at water edge on frost cleain. By order of Com of Office, W. W. Here (R.C.B.) and foling. Griffithe (R.C.B.) are declared denter, they having been about from the ship him days without leave. at 8.30 spread fine under six briles. at 9.40 blowing a gale, eliefe deagging, let go starboard anchor and seemed to 30 fatheome chain. Theamed alread and hove up both anchor. Tent down top gallant marks - at 11.45 let go clar toard anchor and Vived to 30 fathous of chain. Batted and filled port anchor. at 11.55 Slack Walu -

(Tigued) J.K. Cogewell.

From Muid to 4 9. M. Overcart. Moderate gale with heavy lain equalle from n. C. at 3.30 ship deagged and should inshow. Let go fort anchor, breud to 25 fathome, counter traced yarde. Franked fine - at 8.50 spread fine. Latter part of watch engaged in cleaning hower. Riding across weather flood. (Tigued) Tichard J. Davenport

From 4 to 8 T.M. Owncast. Moderate gale from It. C. Moderating-During first part of watch cleared post anchor. At 5.30 suring to est tide. At 6.15 moved ship. 45 fathous on each chain.

Figurel) J. K. Cogewell.

From 8 to Midnight. Overcast. Painy Good. Disagnable. Blowing in feel equall from no and En Risting to est. Clear hause. Oranked fine. Signed Richard J. Davuport.

Examined and found to be correct.

		(C)			-	,		"			0		
LOG of the	UNITED STA	TES Ja	an	u		0	2 es	ley				-	"a	Rate, 6 Guns
					(0,	4	92	lilo	rdelfeli	ia 9a	2.		
		WENDS.			BARONE	TER.	THE	CPERAT	URR.			34		
Hour. Knots.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Air Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the still the vessel is under at end of watch.
A. M. 1		6.4%.	6.8	-	29.91	51	51	51		oror	nint	0		
- 2		"			39.96	"	0			"	"			
3			7.9		29.94	"		"		"				
4					29. 92		10	"		"	"	"		
5		n. 6.	8.9		29.91	10				"				
6		"	"		29.89	"	4	*			"			
7			7.8	1	29.87						"		18	
8			7		3985	4					*	"		
9		"	8.9		39.8%		"	52	133	4				
10			"	100	29.89	58		,	79		"	"		
11			910		29.80	4	4	53		*				
Noon.			8.9		39.74	"	52	"			"			
			-		V/^		-						•	
Distance ru	m by Log since prec	eding Noon									knots	fath		
	D. R. at Noon	and aroun									ALDORE .	, intro	oms.	
	by D. R. at Noon													
		0										,		
	Observations at No													
	by Chronometer from										•	•	"	
	ring the time		-		r, setting	to the	0							
	f the Compass by A			Sunr	ise :							,		
	f the Compass by A		at									,	"	
	nded during the pre										221	gal	lons.	
Water		during the prec	reding	24 h	ours								-	
	aining on hand fit fo										2550	5 '	4	
	med during the prec									5 t	177	0	lbs.	
Coal remain	ning on hand at Noo	m				18				180	" 124	0	#	
								-						
Р. М.													3	
1		И.в.	G.8		19.70	54	53	53		org	Hint			
2		2.6.46.	6.9		29.61	"	52	52		"	"			
3		4	8.9		19.72	"		"		"	"			
4	100000000000000000000000000000000000000	и.в.	4		29.4	*		53			"	-	100	
5	1	"	*			4		52		"				
6			GN			53	"	51		"	*			
7			7		2978		51	50		"				
8			4.0				50	"		"				
9			"			52	49			"		1		
10			3-6			51	50			"				
11		W. W. C.	"		2979	50	"			"				
Mid.		2.46.	-		2940			"						
-	-		-		1			_		-		-	-	
Longitude	e by Chronometer fr	om Afternoon Obse	rvatio	ES 0									"	
Longitud	e by Chronometer fr	om Observations			*								*	

Variation of the Compass by Amplitude observed at Sunset

Orumence and sentit & a. Er. Weather overcast. rainy first feart of water. at 1245 suring to flood. Blear hawer. at 130 wind came out from Er. EV. Squally cool. (Tigued) J.K. Corgewell. From & to & a. &. Overcast first feart of watch, clear and cool latter feart. Furning to est at 5. Franked fine under all main boilers. Clear have at end of watch. Wind gradually hauled from h. h. h. h. ... to A.H.G. pull buye-(Tigued) Wain wight Kellogg. From 8 to Merid. Overcast and cool. Riding Lo ebt. at 8.45 Thyenouth made general liqual 6/44, andwered, sent up topegallant maste, crossed topgallant yarde. At 9.50 feilot came aboard. At 10 brought to on etarboard cleain. At 10.15 called all hande unwood slip, hove up etal board anchor - at 11 called all handle up anchor . For under way at 11-10 quade genual signal 4890, Plymouth" answered 904. By order of Com de Officer Thos g. Wille (2. C.B.) was declared a decute from this date. Draught of elip. Forward 14 feet. amide lipe 15 feet 2 in aft 16 feet 9 in (Tiqued) Tichard J. Davuport. From Muid to 4 9. M. Overcast and raining first part of watch, overcast latter feart. at 1-20 passed Chester. at 140 made all fore and aft sail. Delaware sive during watch. Overage fureur of eteam 74 lbe. Revolutions 52. Tempe Coal Bunker 960-Tigued) Wainewight Kellogg. From 4 to 6 9. M. Overcast. at 5 cause to anchor, 30 fathous on fort chain in 4/2 fathorus water. at 5 mustered at quarties. Transed fine. Prearings at auction. Duck auch Light fore Thy Ev. Reesly Island Light & yw. 1/2 Ev. This " John" I. E. Jave I Halling (2.00) tur house efter duty for eliciting foliu Hugher and Francis Giles (Las G.F.) and Rott M. Juckin (2.00) one how on guartie deck with lastered hammocks for last hammocks. Digned f. T. Thelivan. From 6 to 8 9.21. Weather cloudy and cool Light With beege. Riding to est. Than freement 5 Those of the Midwight. Bourast. Glorny Etol. Disagueste. Fight Work they. Mint cloude. Banken fire. Hack water at 10. Turing to flood at 11.

Examined and found to be correct.

(Signed) Richard & Daniel Acallaleur, Navigator.

LOG of the United States Steame Excey" & god Rate, 6 G

							18				/			
			WINDS.			BAROME	TER.	THM	PERAT	URM.	State of the	Forms of	Hear the	State
lour. Kno	Futboms.	Courses steered.	Direction.	Feres.	Leernay.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
M.														
1			2.	24		29.84	47	48	-		or	Eins	0	
2			Er. Ev.	"		29.85	"			130	00	"		
3			"	2-5		"					"		"	
4				"							"		#	
8			El. M. W.	3.5		29.86	49	"			,		4	
6			21.	"		29.88	4			88			11	180
7			E. M. C.	4		29.94					te	Wint Com	"	
8			"	4		29.98		"			"		4	
9			"	"		"		4		700	"	"	"	
10			"	34		80.02	51	51			or	"		
11			26.42.			,	52	11		79	"	Hint	"	
000.				2.3		"	"	53				"	"	
Die	tanaa m	in by Log since pro	ording Noon									knots	fathe	vms.
		D. R. at Noon	comp arous										,	
		by D. R. at Noon											,	
		Observations at N	000 O										,	,,
			m Forenoon Observ	-tions									,	,,
		ring the time					to the	18						82.1
Cur	rent du	ring the time	knots fi	ns. pe	t pou	r, setting	to m	0						
Van	dellar a	f the Comment by A	marks @ sharifam	40 600	C	in								
			Amplitude © observ		Sunr	ise								"
Var	ristion o	f the Compass by A	Azimuth © observed		Sunr	ise							,	"
Vaz Wa	riation o	of the Compass by A	zimuth © observed	lat								22/	gall	" lons.
Vaz Wa Wa	ter expe	of the Compass by A ended during the pre- Concolence of	eceding 24 hours during the pre-	lat								221	gall	ons.
Var Wa Wa Wa	ter expe	of the Compass by A ended during the pre- conclusion of the saining on hand fit f	zimuth © observed eceding 24 hours during the pre- for use at Noon	lat							<i>E</i> .	221	gall	ons.
Vaz Wai Wa Wa Cos	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	zimuth © observed eceding 24 hours during the pre- for use at Noon coding 24 hours	lat								221 14: 219 ons 69	gall g	ons.
Var Wa Wa Wa Coo	ter expe ter expe ter rem ater rem	of the Compass by A ended during the pre- conclusion of the saining on hand fit f	zimuth © observed eceding 24 hours during the pre- for use at Noon coding 24 hours	lat								221	gall g	ons.
Vaz Wal Wa Coo Coo	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	zimuth © observed eceding 24 hours during the pre- for use at Noon coding 24 hours	lat								221 14: 219 ons 69	gall g	ons.
Vaz Wai Wa Wa Cos	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	zimuth © observed eceding 24 hours during the pre- for use at Noon ceding 24 hours	l at	24 1	OULD	52	51	5/		113	22/ 14: 219 00s 690 4/25	gall gall	ons.
Vaz Wai Wa Cos Cos	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	zimuth © observed eceding 24 hours C during the pre- for use at Noon coding 24 hours on	lat	24 1	30-30						221 14: 219 ons 69	gall gall	ons.
Var Wal Wal Con Con	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	ceeding 24 hours C during the present or use at Noon ceeding 24 hours On . G	1 st	; 24 1	30-30	52 58	52			113	221 14: 219 000 690 4 125	gall 8	ons.
Vaz Wal Wa Cos Cos	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	zimuth © observed eceding 24 hours C during the pre- for use at Noon coding 24 hours on	1 st	; 24 1	30-30	53		52		113 or	221 14: 219 000 690 " 125	gall 9	ons.
Var Wal Wal Cos Cos 2. M. 1 2 3	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	ceeding 24 hours C during the present or use at Noon ceeding 24 hours On . G	1 at cooling	; 24 1	30·30	53	52 51	52		113 or	221 14: 219 000 69 " 125	galling	ons.
Vaz Wai Wa Coo Coo P. M. 1 2 3	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	eceding 24 hours C during the precior use at Noon coding 24 hours On U.G. M.W. 4 W.	3 A	; 24 1	30-30	58	52 51 . 65	52 .		113 or	221 14: 219 000 690 " 125	gall 38	ons.
Vaz Wal Wal Cos Cos P. M.	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	eceding 24 hours C during the precior use at Noon coding 24 hours On U.G. M.W. 4 W.	3 th	; 24 1	30·30	58 " 55 56	52 51	52		113 or	221 14: 219 000 690 " 125	gall	ons.
Vaz Wai Wa Coo Coo 2. M. 1 2 3 4 5 6	ter expe ter expe ter rem ater rem	of the Compass by A suded during the pre- conclusion on hand fit is amed during the pre-	eceding 24 hours C during the precior use at Noon coding 24 hours On U.G. M.W. 4 W.	3 A	; 24 1	30.30 "	58 " 55 56	52 51 . 65	52 .		113 or o o e	22/ 14: 2/9 000 690 " /25 Wint	gall	ons.
Vaz Wal Wal Cos Cos P. M. 1 2 3 4 5 6	ter expe ter expe ter rem ater rem	of the Compass by A saided during the pro- during on hand fit formed during the pro- ining on hand at No.	eceding 24 hours C during the pre- for use at Noon coding 24 hours On U.G. M.W. 4 &V. M.W. 4 &V. M.W. 4 &V.	3 4 2.8 " 1 2	; 24 1	30.30 " " 30.02	55 56	52 51 65 64	52		113 or o o e *	22/ 14: 2/9 000 690 " /25 Wint	· · · · · · · · · · · · · · · · · · ·	ons.
Var Wal Wal Cos Cos 2. M. 1 2 3 4 5 6 7 8	ter expe ter expe ter rem ater rem	of the Compass by A saided during the pro- during on hand fit formed during the pro- ining on hand at No.	eceding 24 hours L during the pre- for use at Noon ceding 24 hours On U.G. M.W. M.W. 4 W. M.W. 4 W. M.W. 4 W.	3 /4 2.3 " " 1 2 "	; 24 1	30.30 "	55 56	52 51 65 64	52		113 or o o e	22/ 14: 2/9 0008 69: " /25 " /25 " Cum " "	gall 9	ons.
Vaz Wal Wal Cos Cos P. M. 1 2 3 4 5 6 7 8	ter expe ter expe ter rem ater rem	of the Compass by A saided during the pro- during on hand fit formed during the pro- ining on hand at No.	eceding 24 hours L during the preson use at Noon coding 24 hours On L.G. M.W. M.	3 /4 2.8 " 1 2 " 1	; 24 1	30.30 " " 30.02	55 56 "	52 51 65 64	52		113 or o o e *	22/ 14: 2/9 0008 69: " /25 " /25 " Cum " "	gall 9	ons.
Vaz Wal Wal Cos Cos P. M. 1 2 3 4 5 6 7 8 9	ter expe ter expe ter rem ater rem	of the Compass by A saided during the pro- during on hand fit formed during the pro- ining on hand at No.	eceding 24 hours L during the preson use at Noon coding 24 hours On L.G. M.W. M.	3 /4 2.3 " " / " / "	; 24 1	30.30 " " 30.02	55 56 "	52 51 65 64	52		113 or oe te g	22/ 14: 2/9 0008 69: " /25 " /25 " Cum " "	gall 9 0 3 0 / 0	ons.
Vaz Wai Wai Coo Coo P. M. 1 2 3 4 5 6 7 8 9 10 11 Mid.	ter experience of the experien	of the Compass by A saded during the pro- caining on hand fit funed during the pro- ining on hand at No.	eceding 24 hours L during the preson use at Noon coding 24 hours On L.G. M.W. M.	3 /4 . 2.8	; 24 1	30.30 " " 30.02 " 80.02	58 " " 55 56 " " " " " " " " " " " " " " "	52 51 65 64	52		113 or oe " te "	22/ 14: 2/9 0008 690 " /25 Wint ai am "" Cum ""	gall	ons.
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Vaz Wai Wai Coo Coo P. M. 1 2 3 4 5 6 7 8 9 10 11 Mid.	ter experimental construction of the construct	of the Compass by A saded during the pro- caining on hand fit funed during the pro- ining on hand at No.	eceding 24 hours L during the present or use at Noon coding 24 hours On L.G. M.W. M.W.	3 /4 . 2.8	; 24 l	30.30 " " " " " " " " "	58 " " 55 56 " " " " " " " " " " " " " " "	52 51 65 64	52		113 or oe " te "	22/ 14: 2/9 0008 690 " /25 Wint ai am "" Cum ""	gall	" lons.

Toumwere and until 4 a.M. Overset. Calm. Pain lung to est at 3.45. Branked fin (Tiguest) Wainwright Rellogg. From 4 to 8 a. M. Doucast, light diggling sain first fract of watch, cloudy latter part. Right P.C. 4 aire. Funglet to one front cleain at 5.90. Turned ingine over at 5.40 For undurary at 6.45 and stood down the Delaware. Please presence 60 lbs. Revolutions 46. Temp of keeping 940. Trom 8 to Merid. Clear and cool. Light breeze from Idand 6th Pleam pressure 62 lbe Quolutione 49.8. Temp of brusher 982 Plansling out of Dalawan Bay under direction of filst. Pet course 9.4 6.94 6. by standard compass. Geore Meriod to 49.20. at 12:25 look departue. Cape Heulopen Light boufer) W. dielant 3/2 miles - Pet patent log overboard. at 1-25 secund gune for sea. at 1.30 tur came preserved meat, Contiactore W.K. Leine &co 1873, Suspectors f. B. Clouistge U. Y, 1873 were construend Lis to the leaven overboard. At 135 stopped engine to key up. At 140 secured the auction. At 155 started engine. The effects of the following named denter excer sold at furthis auction. J. Bouleur (B) John Jabel (Bry) P. P. Wilking (B) Thou J. Wille (B) The J. William (B) The G. Wille (B) To order of Born of Officer J. W. Kahn (B) is declared a descrip, he having been about from the slip ten days without leave. Heaving under six boilers. Theary pullere 63 lbs. Quolitions 47. Temp of bunker 1052 at I cleanged course I, by 6. at 3.20 cleanged course to 8.9.80. at end of watch Tennick Light fore U. EV. 12 W. at 12-20 Juilot left ship. (Tigued) Tichard g. Davenport. From 4 to 6 FM. Clear and cool. At 4:30 called all hande and sent down top gallant yarde. At sundown unitered at quarter. Iteam pressure 63 the Revolutions 47. Temp of bunked 105°.

Signed) Wainwright Kellogg-From G to 8 7. M. Clear and cool. Light breeze from Ind and Evel. At G-15 dighted are State and Eventure Greater Shoat Light Thip. At 8 aratague fore Ev. 486. 12 M. and Winter Greater Shoat Light Thip bore M. Average Steam freezence 56 % the Revolutione 41.8. Temp of brushere 9 G. Signed) J. T. Jullivan. Lient. From 8 to Midnight. Clear and pleasant. Light & 4 heeze. Moon set at 10.50. Famod words busher eail. Allined course twice it avoid visule. Them presum G2 the Gerentime 47. Temp of trushere 95.

Examined and found to be correct. (Tigued) J. K. Goganee. Lieut. AsaWalker, Lient. Navigator.

LOG	of t	he l	United Sta	TES Sti	an	ш		~	90	ed	ex	"		3	id.	Rate, 6
					1	lia						laware	Pive	e -		
	T			WINDS.			BAROMI	TER.	THE	CPERAT	UER.			24		
Hour. B	Enota	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb,	Air Wet Bulb.	Water at enrises.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Frop. of Clear Sky, in 10ths.	State of the Sea.	Record of the coll the vessel is at end of watch.
А. М.		,		Pa			0			-						
1			uchor	Calm			80.03	53	58	54		0	Cun	-		
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9	Hi	auci	ing down					53	"	"		"		3		
10	0	elas	vace Oray -				4	54	54	52		"		4		
11			,		+		3008		4							
Noon.					"		"	55	54	54		•				
T	Vistana	-	by Log since prec	ading Noon									knots	fath	ome	
			D. R. at Noon	oung avon									*	, north	"	
			D. R. at Noon													
	-		Observations at No	on ©										,	"	
				Forenoon Observ	ations	0								,	*	
			ng the time				r, setting	to the	0							
7	Variati	on of	the Compass by A	mplitude ⊗ observ	ed at	Sunri	ise							,	".	
,	Variati	on of	the Compass by A	zimuth ⊗ observed	at									,		
V	Water	expen	ded during the pro	ceding 24 hours									221	gall	ons.	
,	Water			during the prec	eding	24 h	ours									
1	Water	remai	ning on hand fit fo	e use at Noon									223	1 .		
(Coal e	mean	ed during the prec	oding 24 hours								10 w	ons 56		lbs.	
(Coal re	emaini	ing on hand at Noo	NI .								103	. 69	0	4	
P. M.																
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8	7	4	7. W. 74 Y.	"	"	1	30-14					*	"	*	-	
9	7	4	-	"	"	1	30-12	*		54	30	*	"	"		
10	7,	1		"	"	-	"				100	"	"	"		
Mid.	8	2		"	"	-			"		-		"	"		
	1					1		1	-							
	Long	ritude	by Chronometer fr	om Afternoon Obse	rvatio	CS (0)								,		
			by Chronometer fr				*									
			of the Compass by		erved	at Su	nset				-			'	"	
	Var	ation	of the Compass by		at.										N	

Tournences and with & a.M. Clear. Cool. Damp. Light Lev. 4 9. huye. Bright etailight. at 12:30 made Cape Charles Light having (foc) In yurker. at 1-15 pared a Manue bound to H. at 2.25 Mapped engine, got a cast of lead 7/2 fathours. at 2.30 Martid engine four belle. at 2:30 changes course to W. J. W. at 2:48 elopped engine, got I fathouse. at 2.52 Martid aluad four bille Talled George Sail found to 21th at 2.80 hauled in patent-log which showed 5 8 3/4 beiler, seet it . at 3-17 stopped engine got 71/2 fattioned water. at 3.20 started alead one tell. at 3.28 changed come to W. at 3.25 a dence fog let in Multing out Cape Charles Light. at 3.30 stopped engine at 3. 85 came to anchon with starboard anchon in 5 /4 fatheous water, being to 30 fathous clean. Courage Steam 66 the average Revolutione 49. Temp of bunkers 96° Started the fog bell: (Tigued) Victored J. Davuport.

Fine 4 to 8 a.M. Thick fog until 7 when fog lifted. At 7.15 hove up starboard anchor and stored for a filet brat which was in sight. At 8 Hampton filet came outrand. Lighted Cape Henry at 8. Hord in for Hampton Grade. Average steam pressure 75 lbs. Temp of humpus 96°-

(Tiguest) Wainwright Kellogg

From 8 to Merid. Clear and pleasant. at 8.30 decened gave for port. During first part of water engaged in getting eliep ready for port. at 10:20 hoveled slight 21:, made liqual for furnicaion to auction. at 11 etopped abuact of Flagelije. The County Officer left the ship to pay official visit outrand Hagslife. at 11.25 started aluad and steamed up for navy Gard at Horfolle. at 12 made elipe & a average steam freeze 10 1/4 lle. Revolutione 51-1 Temp of bunger 90°. Deaft 19 feet 5 in forward. 14 feet 9 in amidelije. 16 feet aft.

(Tiqued) f. 1. Pallioan

From Ellerid to 4 9.81. Overact and cool. at 12.35 let go Marboard anchor vering to 15 fatterne. How up star board anchor and hauled along side what . Moored . at 215 loved lail to day. at 3.55 electional sail. Draglet forward 13 feet 5 in anidelipe 14 feet 9 in Aft 15 feet 11/2 " Time hauled except 200 5 and 7- Made perparation for coaling -

(Tigued f. K. Gogewell-

(Sigued) Richard J. Davenport

From 8 to Midwight. Cloudy and light rain first part of watche. Clear and cool latter part with light 24 4 airl.

Examined and found to be correct.

Examined and found to be correct.

(Signed) f. T. Sullivan.

(Signed) f. V. Sullivan., Lient. Savigator.

						Q))		"0								
1	OG	of	the	UNITED STA	TES	Ste	am	ue	-	0	ex	ley			9	es	-	Rate, 6 Gun
														Ham	felou	a	road	de Va.
-						WINDS.			BARCOME			PERATU		- '				
	Hour.	Knota	Fathoms.	Courses steered.	Dir	ection.	Force.	Leeway.	Height in inches.	Ther.	Alr	Air Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 19ths.	State of the Bea.	Record of the soil the vessel is under at end of watch.
1	A. M.			2 . 1	8	1.0								,				0
	1	9		Par. 34 9.	J.W.	49.	2		30-13	57	57	57		Free		10	9	Itiam.
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1	11				91.	.w.	4		30.15	58		1		"	,	4		
	Noon.				8		"		30-12			1					4	
	22									0								
		Distar	oce ru	n by Log since prec	eding N	oon									knots	fath	oms.	
				D. R. at Noon													"	
		Longi	tode l	by D. R. at Noon													"	
		Latito	de by	Observations at No	00m ©												*	
		Longi	tude l	y Chronometer from	m Forence	oon Obeer	vation	8 0									"	
		Curre	nt du	ring the time	knots	1	ins. po	er hou	r, setting	to th	e							
		Varia	tion o	f the Compass by A	mplitude	o obser	ved at	Sunr	ise							,	"	
		Varia	tion o	f the Compass by A	zimuth (observe	d at									,	"	
			-	oded during the pro											221	gal	llons.	
		Wate	t	ousleversl	duri	ng the pre	cedin	g 24 l	ours						36			
				aining on hand fit fo										-	25.	55	44	121011111111111111111111111111111111111
				med during the prec		hours								60	19	60	lbs.	
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	1	100			91 -	46.	1-2		30-10	50	50	50			Cum Him			
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				le by Chronometer f			ervati	ons 6								,		
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		-		n of the Compass by	Annput	nge op	MCEVEC	at b	uneet						-			

Communes and until & a. M. Eventur cool and overcast, wind from the & . and equally. (Tigued) J. K. Cogewell. From & to & a.M. Clear, Cool, pleasant. Moduate buye and fuck equally from U.W. at I breed sail. at 1.10 commenced coaling. Banked fine under tur boles. (Signed) (ichard & Dayupat From 8 to Ellind. Clear and feleacant, cool. Engaged during water in coaling slip. At 9.15 Mortund sail. Banked fine under two boiler. Average stram pursue 25 lbs. Presimal 55 love of coal
(Signed) Wain wright Kellogg. From Muid It & P.M. Clear and cool . Light bruge from El dans & at 3 we but life gallant laile and stowed them below. Engaged during watch in receiving coal, wood and provisione. Banked fine in two boilers. average etram Justine 30 lbe Gerived on board stone for Pay Department Viz - 13 Prage Cruad-10 Banele Pale - & Half Banele Buf - 10 Boyle Turnved Meat - 2 Kige Fickele - 7 Baule Jugar - 10 From Coffee - 1 Band Butter - 4 Half Banele Beaut - 1 Band - 1 Band - 1 Band - 1 Band - 1 Banel House - 7 Bope Canolle - Clotting - Tur Bale Flaund - 1 Bale Blue Clotte - Juace Plane - 3 Bope Tobacco - 4 Bope Joap - 1 Bop Wiefe Browne - 24 Doz C.Pr. Medium - 24 C.Pr. Swall . 5 Mere Kittle - 2 From Safel -From & St & P. M. Blear cool and calm. At 480 fulled sail. Franked fine.

Donage steam pursue 27 lbs.

From Y to Midnight. Weather clear and flearant. Bright mornlight.

Balm. (Figured) Evainwight Kellogg.

LOG of the UNITED STATES Traum Cherry" Wavy Gard Norfolk Va.

						_		_					
		WINDS.			BAROME	TER.	TIM	PERAT	UNIX.			24	
our. Knots.	Courses steered.			6	W. Lake	77	Ale	Air	Water	State of the Weather, by symbols.	Forms of Clouds, by	of Clear in 10ths.	State of the
Petho		Direction.	Force	Leemay	Height in inches.	att'd.	Alr Dry Bulb.	Air Wet Bulb.	- 85	by symbols.	symbols.	Sky, i	Sea
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000.		n.w.42.	11		30-28	38	46	46		*	Cielum	"	
				-	-	-							
Distance run	by Log since prec	eding Noon									knots	fath	oms.
Latitude by I	D. R. at Noon												"
	D. R. at Noon												
Longhade by													
7 00 2 2 . 6		oon ©											
Latitude by C												*	17
		m Forencon Observ	ration	15 O									
	Chronometer from				ar, setting	to the	e						
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Longitude by Current durin Variation of t	Chronometer from	knots fi	ns. p	er ho		to the	e					, ,	"
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Longitude by Current durin Variation of t Water expens	Chronometer from	knots fi implitude ⊕ observed ceeding 24 hours	ma. p	er hoe	rise	to the	е				221	gal	
Current during Variation of the Water expension of the Water expension of the Water General Water General Control of the Water Gener	Chronometer from	knots fi amplitude ⊙ observed according 24 hours during the pro	ma. p	er hoe	rise	to the	e				221	gal	
Current during Variation of the Water expense Water Constitution Water remains	Chronometer from the Compass by A ded during the proceedings on hand fit for the Compass of the	knots fi implitude ⊙ observed eceding 24 hours during the pro or use at Noon	ma. p	er hoe	rise	to the	e				221 365 255	gni -5	llons.
Current during Variation of the Water expense Water Constitution Water remains	Chronometer from	knots fi implitude ⊙ observed eceding 24 hours during the pro or use at Noon	ma. p	er hoe	rise	to the	0				221 865 255 tons 5	gni 5	
Coal consum	Chronometer from the Compass by A ded during the proceedings on hand fit for the Compass of the	knots fi implitude ⊕ observed eccding 24 hours during the pro- for use at Noon coding 24 hours	ma. p	er hoe	rise	to the				153	221 865 255 tons 5	gni 5	llons.
Coal consum	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi implitude ⊕ observed eccding 24 hours during the pro- for use at Noon coding 24 hours	ma. p	er hoe	rise	to the	e				221 865 255 tons 5	gni 5	llons. " lbs.
Coal consum	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi implitude ⊕ observed eccding 24 hours during the pro- for use at Noon coding 24 hours	ma. p	er hoe	rise	to the	e				221 865 255 tons 5	gni 5	llons. " lbs.
Coal consum Coal remains	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude ⊙ observed acciding 24 hours during the pro- fer use at Noon bedding 24 hours	na. p red at 1 at	er hot t Sun	hours			48			221 363 253 tons 5,	gal	llons. " lbs.
Longitude by Current durit Variation of t Variation of t Water expens Water remail Coal consum Coal remaini	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi implitude ⊙ observed ceeding 24 hours during the pro for use at Noon ceeding 24 hours	ma. p	er hot t Sum	rise	49	48			153	221 865 255 tons 5	gal	llons. " lbs.
Longitude by Current durin Variation of t Variation of t Water expense Water expense Water remain Coal consum Coal remains	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude ⊙ observed commuth ⊙ observed coeding 24 hours during the pro for use at Noon coeding 24 hours	na. p	er hot t Sum	dours dours	49"	4r.	49	1	153	221 865 255 tous 5	gal	llons. " lbs.
Longitude by Current durin Variation of t Variation of t Water expense Water remain Coal consum Coal remain	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude ⊙ observed conding 24 hours during the pro- or use at Noon coding 24 hours on	ma. p	er hot t Sum	hours	49 50	49	50		153	221 363 253 tons 5,	5 10 0 9 ··	llons. " lbs.
Longitude by Current durin Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude ⊙ observed conding 24 hours during the pro- or use at Noon coding 24 hours on	one pred at 1 at eeedin	er hot t Sun	dours dours	49 50	4r.	50		153	221 865 255 1008 5. " 46	5 10 0 9 " · ·	llons. " lbs.
Longitude by Current durit Variation of t Variation of t Water expens Water remain Coal consum Coal remaini P. M. 1 2 3 4 5	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude ⊙ observed commuth ⊙ observed coeding 24 hours during the pro for use at Noon coeding 24 hours	one pred at	er hor t Sum	3022 " 30-20	49 " 50 59 52	49 49	50 58		153 te "	221 865 255 tous 5	5000	llons. " lbs.
Longitude by Current durin Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4 5 6	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed conding 24 hours during the pro or use at Noon coding 24 hours on N.M.W.	one pred at 1 at eeedin	er hor t Sum	So-20	49 " 50 59 52 51	49 49	50 50 49		153	221 865 255 46 a. 46	55000	lbs.
Longitude by Current durit Variation of t Variation of t Water expens Water remain Coal consum Coal remaini P. M. 1 2 3 4 5	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed conding 24 hours during the pro or use at Noon coding 24 hours on N.M.W.	one pred at	er hot t Sun	3022 " 30-20	49 " 50 59 52 51	49 49	50 50 49		153 te "	221 865 255 1008 5. " 46	5000	lbs.
Longitude by Current durin Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4 5 6	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed coding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. R. & W. Calue.	sna. p	er hot t Sun	So-20	49 " 50 59 52 51	49 49	50 50 49		153 te "	221 865 255 46 a. 46	55000	lbs.
Longitude by Current durin Variation of t Variation of t Water expens Water remai Coal consum Coal remains	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed coding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. R. & W. Calue.	na. p	er hor t Sun	So-20	49 " 50 59 52 51 51 4 50 41	48 49 49 46	50 50 49		153 te "	221 865 255 1008 5 " 46 cie lun cie lun "	55000	lbs.
Longitude by Current durit Variation of t Variation of t Water expens Water remain Coal consum Coal remaini P. M. 1 2 3 4 5 6 7 8	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed coding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. R. & W. Calue.	gred at 1 at coolin	er hor t Sun	3022 30-20	49 " 50 59 52 51 51 4 50 41	48 49 49 46	50 50 49		153 te "	221 865 255 1008 5 " 46 cie lun cie lun "	55000	llons.
Longitude by Current durin Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4 5 6 7 8 9	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed coding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. R. & W. Calue.	sma. p	er hor t Sum	3022 30-20	49 " 50 59 52 51 51 4 50 41	48 49 49 46	50 50 49 40 40		153 te "	221 865 255 46 Cae Cause cie He	5000 9 " 87"	llons.
Longitude by Current durit Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4 5 6 7 8 9 10	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed coding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. R. & W. Calue.	gred at at codin	er hor t Sunn	3022 30-20	49 " 50 59 52 51 50 41 245 "	49 49 40 40	49 500 588 499 499 400 " 400 "		153 tc ""."."	221 865 255 toons 5. "46 cie Cum cie In	5000 9 87 87	lbs.
Longitude by Current durin Variation of t Variation of t Water expens Water remain Coal consum Coal remain P. M. 1 2 3 4 5 6 7 8 9 10 11	Chronometer from the time the Compass by A ded during the pre- collected ning on hand fit fo ed during the pre-	knots fi amplitude © observed commuth © observed coeding 24 hours during the pro for use at Noon coding 24 hours on N.M.W. W. & W. W. Galue.	sma. p red at 1 at eedin	er hor t Sunn	3022 30-20	49 " 500 59 52 455 " "	49 49 46 . 46 . 46 .	50 50 49 49 49 40		153 te " " " " " " " " " " " " " " " " " "	221 865 255 46 Cae Cause cie He	5000 9 " 87"	lbs.
Coal consum Coal remains P. M. 1 2 3 4 5 6 7 8 9 10 11 Mid.	Chronometer from the Compass by A the Compass by A ded during the proceeding on hand fit field during the precing on hand at No.	knots fi amplitude © observed conding 24 hours during the pro or use at Noon coding 24 hours on N.M.W. M. & W. M. W. "" "" "" "" "" "" "" "" ""	sma. p	er hot t Sun	So-20 " " " " " " " " " " " " " " " " " " "	49 " 500 59 52 455 " "	49 49 40 40	50 50 49 49 49 40		153 te " " " " " " " " " " " " " " " " " "	221 865 255 46 Cae Cause cie He	5000 9 87 87	lbs.
Coarrent during Variation of the Variati	Chronometer from the Compass by A the Compass by A ded during the proceeding on hand fit found during the proceeding on hand at No.	knots fi amplitude © observed commuth © observed coeding 24 hours during the pro for use at Noon coding 24 hours on N.M.W. W. & W. W. Galue.	sma. p	er hot t Sun	So-20 " " " " " " " " " " " " " " " " " " "	49 " 500 59 52 455 " "	49 49 40 40	50 50 49 49 49 40		153 te " " " " " " " " " " " " " " " " " "	221 865 255 46 Cae Cause cie He	5000 9 87 87	lbs.

, U. S. Navy,

, 1876.

Commences and entil & a. M. Clear and cold . Calm.

Tiqued J. T. Pallivan.

Flow & 15 8 a. M. Cloudy and calm. Book. Theam presence 25 lbe. Dieticing.

(Tigened) J.K. Cogewell-

Thom V to Ellerish Good . Overcast. Damp . Balm. Cir cum Clouds. At 9 f. Pruseme (B) declared a deserte settemed on toased sleip. Theam on two toiles.

Ligard Pichard J. Davenport.

Rient.

From Meriod to & 9.21. Clear, cool and calm at 1 oclock sent gig action to be southed. During watch crew engaged in shifting post anchor.

(Diqued) Wainwright Kellogg.

From & le & P.M. Clear and cool. Engaged in getting anchor abours. at \$55 mention at quarter and secured battery. (Tioned) J. T. Pullivan. Lient.

From 8 to Midwight. Clear. Good . Pleasant . Calm. Pright enoulight.

(Sigued) Richard J. Daverport.

Examined and found to be correct.

Acal alker, Navigator

LOG of the United States Steamer Essey"

guod Rate, 6 Guns,

				WINDS.			BAROME	TER.	TEX	PERAT	UER.	State of the	Varna	r Clear 10ths.	State	
Hour.	Knots	Pathoma.	Courses strered.	Direction.	Force.	Leerny.	Height in inches.	Ther.	Air Dry Bulb.	Mr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.		of the	Record of the soil the vessel is unde at end of watch.
A. M.				Calm	0		8015	42	42	47		te	ai the	2		
2				"				N	41			"	"	4		
3							30.18			4		"	"			
4				4			11	,	42	"		4		*		
5							80.18		44	41		4		3		
6							8015	*		11		*	"	2		
7							*					*	4			
8							8018	4				"	9	3		
9	90			*			80-12	47	48	48		4		11		
10							11	1	49	50	100	"	4			
11				4			80.08			11	100			1		
Noon.							30-ds	i	50	51		*		1		
	Distan	oe ru	n by Log since pre	ceding Noon									knots	fath	oms.	
	Latitu	de by	D. R. at Noon													
	Longi	tude b	y D. R. at Noon												*	

Distance tim of any since processing aroun	-	- 275		
Latitude by D. R. at Noon				1
Longitude by D. R. at Noon			-	ŀ
Latitude by Observations at Noon ⊙	Million .			b
Longitude by Chronometer from Ferencon Observations ⊙				L
Current during the time knots fins. per hour, setting to the				ŀ
Variation of the Compass by Amplitude ⊙ observed at Sunrise			*	1
Variation of the Compass by Azimuth ⊗ observed at			"	1
Water expended during the preceding 24 hours	1	2/ 1	gallons.	1
Water during the preceding 24 hours				1
Water remaining on hand fit for use at Noon	2.	190	4	Ī
Coal consumed during the proceding 24 hours	/ tons /	180	lbs.	4
Coal remaining on hand at Noon	150 " 7	190	"	1
				1

P.M.							1			
1	Calm	0	80.02	52	50	52	to	Ci Cum	4	
2		"	29.98		52	53		11	3	
3.			29.96	53	54		"	"	2	
4		4			"	4	4			
5		"		54	53	54	"		4	
6		4			"	"			*	
7	"	"	29.94	53	49	50	4	+		
8		-								
9			4	51	49	47	1			
10			29.95				"		10	
11			29.92				"		"	
Mid		"	"				"		4	
			1000 1000 1000	1		1			1500	

Longitude by Chronometer from Afternoon Observations ©	,	20
Longitude by Chronometer from Observations *		
Variation of the Compass by Amplitude observed at Sunset	,	
Variation of the Compass by	,	N.

Fourmences and suite 4 a. En. Clear first part of watch, overcast latter frast. Cold and Calm. Figured Wainwright Kellogg.

From 4 to 8 a. M. Bloudy and cold. Ronfolk feilot came on board at 6 oclock. Hartest fine under fort boiler at 8 oclock.

(Tigued) f. T. Fellian.

From 8 to Merid Overcast and cold, strong & Ev. heere Tast aut Augeon a.M. Mon reported for duty as relief of Part asst Jurgion EV. B. Davie, who left the ship. At 9 oclock crosed topgallant yards. At 9.45 Randing out for Hampton Roade under direction of field.

Signed J.K. Bogswell. From Muid to 49.8M. Blondy. Good Pleasant. Fresh R.W. Huye. Ot 12:45 hoisted distinguishing framant and wade introopatory signal 1211, Flagship answered with any Gode. At 1 oclock cam it with frost anchor in Hampton Gradi in 12 faltroms of water, vering to 45 faltroms of claim. Rip Raps having (Ive) B.P.B. Old Point Compt Light H. G/2 M. At 1:15 the Baptain paid official weit to the Flagship. At 1:30 fellot left the chip. At 1:50 slack water. Ripling to windward flood lide. At 1:50 hauled fine under fore main boiling. Deaft 14 feet 2 in forward. 15 in anisolalists. 16 feet aft. Deaft Republic.

From 4 to 8 9.M. Cloudy and cold. At 4.30 "Hartford" made Signal 2985. At 4.35 sunt down top gallant yards and housed top gallant mate. At 5.35 slack water. All five tanked except in lar furname. Ships liding across wind and lide. Digued) Wainwright Kellog.

From 8 to Midnight. Weather clear and cool. Eight U.W. Luye. Tide limed to est at 11. Bright suroutight. Diqued) J.K. Cogewell.

Examined and found to be correct.

Acallacker, Navigator.

			",	,								
LOG of the UNITED STA	TES Steam	nu	6	e	Ley	1 "			2	p.u	d	Rate, G Guns,
		8	1 .	2,	, /		81	rfolk	2/			
		10	any	4	aco	× ·	10	your	va.			
	WINDS.		BAROME	TER.	TEM	PERATU	EE.			24		
Hour. Knots. g Courses steered.	The state of the s	10.	Height in	Ther.	Air	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	in 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
Petro	Direction.	Force. Transgr	Height in inches.	att/d.	Bulb.	Wet Bulb.	at excluse.	99	Name of the last	Sky,	-	
A. M.												
1	Colu		2990	1.	1.	4,		to	ai ann	4		
2	Vacac		770	74	71			00	le lane	1		
3	"	77	"	4				0				
4			"					,				
5				1.								
	Nor	-	4.11	72	1	-	-	c	Com		1	
6	9.W.	1	24.86	45	42	42			"	*	-	
7	"	"	29.84	45	43	45		,	"	"		Commence of the Commence of th
8	"	2	29.82	48	47	48		te		*		
9			29.84		"				Cum Min			
10	",	12		"	"	*		"	"	1		
11	W.9.W.	4	29.82	50	48	49			"	5		
Noon.	"	4.0	"	41	48	44		09	"	1		
		-		-	-	-	-				-	
Distance run by Log since prec	eding Noon								knots	fath	oms.	
Latitude by D. R. at Noon											"	
Longitude by D. R. at Noon											-	
Latitude by Observations at No	00m ©									,		
Longitude by Chronometer from	m Forenoon Observa	stions ③								,		
Current during the time			or, setting	to the	0							
Variation of the Compass by A										,	"	
Variation of the Compass by A										,		
Water expended during the pre									221	/ ml	lons.	
Water Condensed		eding 24	hours						1.		4	
Water remaining on hand fit fo			and the same									
Coal consumed during the prec								2 1	219	10	Ibs.	
Coal remaining on hand at No								50	1 / 1		100.	
Own House of the last	Ni.							140	100	-		4
Р. М.			1				1					
1	- 0.0	,	1	,	,	,	-			-		
2	u.w.	4.6	29.00	47	47	45	-	09	Cun Him			
	"	-	1	40	40	48		te	"			
3	"		29.21	47	48	47	-	*	"			
4	"		19.82	"	47	48		"	"	1	-	
5	"	6.1	19.86		44	44	4	rsq	"	3		
6	"	40	29.88		50			59	"	1		
7	W. W. 80.	2	29.89					te	"	8		
8		3	29.95					1	"	6		
9	u.w.	"	29.95	46	45	48		"	Cune	5		
10	"		29.9:	5 "	44					*		
11				48	948			"	"	"		
M5d.	"				44	-		"	"	*		
				1		1				-	-	
Longitude by Chronometer fr	rom Afternoon Obser	ryations	0							,		
Longitude by Chronometer fr	rom Observations		*							1	*	
Variation of the Compass by	Amplitude obser	erved at f	Sunset							,		
Variation of the Compass by		at								,	*	

Commences and until & all. Clear. Good Pleasant Moduate M.W. huye-Obught Starlight. Plack water at 1. Puring to flood at 1.30. Please in his toiler. Commenced distitling at 2. More set at 2-20.

(Tigued) Richard J. Dagenport.

From 4 to 8 a.M. Clear cool and pleasant. Moderate being from Id and West. Please in two boilers. Furing to est at 7.30. By order of Com 27 Officer OF. N. Cole (2. C. A) in declared a diserter, he having been about from the ship time days without have. ten days cirtuout leave.

(Tiguest) Wainwright Kellogg.

From 8 to Merid. Overcast and cool. At 9 sent up topgallant master and crossed topgallant yards, and loved sail. At 9.45 at quarter and executed divisions. Flagship signaled 3247. At 11.80 fulled sail.

(Signed) f. T. Tullivan.

From Muid to & P.M. Weather cool and with diggling sain in batter from af watch. Och 2:20 made liqual interogatory 4881. Thanklife auswered and made liqual got. Plack water at 2:40. Corperind at arming and equipping toate. Told desutere clotting at auction, realized & 20 (twenty dollars) Truck W.W. buye - Vide lined flood at I.

(Tigued) J. K. Cogswell.

From 4 to 8 J. M. Overcast and equally, painy. Full W. M. EV. Luge. Oct \$.35 Flagelije made gemal signal 5/09. At smeet sent down lopgallant sparde and housed lop gallant made. At 5 Flagelije made genual signal 4881. At 5.30 served out clean hammocks. Hack water at 5.45. Riding to est. Ilean in tur boilers. Condusing.

(Figurd) Victored J. Daverport.

From 8 to Midnight. Clear and pleasant Fight Luge from the EV of.

Tigued) J. T. Pullivan. Lient.

Examined and found to be correct.

AcaWalker, Navigator

Steamer Every" 3 ed Rate, 6 Guns, Hampline Roads Va.

								muy.	·	-	10	woo	· · · ·				
					WINDS.	700		BAROME	TER.	777	(PERAT	The .		100			
	Hour.	Knots.		Courses steered.			-			-			State of the Weather.	Forms of Clouds, by symbols.	of Clear	State	Record of the sail the vessel is under
	-		Pathon		Direction.	Force.	Leering.	Height in lookes.	Ther, att'd.	Dry	Wet Balls	Water at surface.	Weather, by symbols.	symbols.	Prop. of Sky. in	Sea.	at end of watch.
			4				7			-	APRIL .	HITMON.			200		
	A. M.																
	1				n.w.	3		29.95	45	44	43		1	Com	10		
	2				"			29.96	"	48		33	te	#			
	3				"			1//0		,		38	,		11		
					4			"	R	"			"	"			
	4				Non					1.	1.	-			-		
4	5				9.20.	*		29-30	1	73	XX		"	"	9		
	6				,			-	43	41	41		1		1		
	7					*			"	"					5		
	8							*	46		4		"	"	4		
	9				9	3.4		29.96	11	44	44			Com Him	62		
	10					11		"	"				"	"			
7					du h			***	1.0	1.0	1-		"		"		
	11				9.7 0.	"		79.91	48	46	76				1		
	Noon.				9.7 W.	4		2980	50	49	50		"		×		
	-									-	-						
		Distan	ice ru	m by Log since prec	eding Noon									knots	fath	oms.	
		Latito	de by	D. R. at Noon											,		
				by D. R. at Noon											,		
				Observations at No												"	
		Longi	inde b	by Chronometer from	m Forenoon Observ	ations	0				100					"	
		Curre	at du	ring the time	knots fi	ns. pe	r hou	r, setting	to th	0.							
		Variat	tion o	f the Compass by A	amplitude ⊙ observ	ed at	Sunr	ise								"	
		Variat	ion o	f the Compass by A	zimuth @ observed	lat									,	"	
				oded during the pro										12	100	llone	
		Water		Boudented										71	/ ga	HOUS.	
					during the pre-	ceding	241	iours.					20.00	40	0	"	
				aining on hand fit fo										219	90	11	
		Coal	CORRE	med during the prec	ording 24 hours								/ 0	19	60	Ibs.	S. S
		Coal	remai	ning on hand at No	00								146	. 40	0	44	
	-	-									93						
	P. M					100											
	1		770	100000000000000000000000000000000000000	9.Ev.	3		105.	10	5/	1	130	1.	Cure Him	0		
	2	1		-	2.colo -	U		2970					te	Mice Rece		-	
		1	-		EV. 9. 8v.	"	-	2972					or	"	"	1	
	3	-	-	100000	a &v.	4	137	4	55				org		2		
	4	1	1		Ev. 21. Ev.	4-6	1	29.70	55	53	54		"		0	130	
	5	1	1	No.	"	"		29.80	55	55	55		"		"		
	6	1			Ev.	4		29.81			52		09		2	100	
	7			1000000	"	4	1	29.80		11	11		"		1	1	
	8	1	100		"		I	2000	2 4	"	"		"	"	"	198	
	9	1	1	1		-	-	1.88		5	-		,		3	1	
		-	-			3	-	29.90	1	0/	51	1	Fe				
	10	-	+		*	2	-	29.9	1	1	-	1	"		6		
	11	-	-		"	"	-	39.9	55	50	50	1	"		8		
	Mi	d.	1		*	4	1	39.91	"	4	"	-	"		9	-	
	-	-	-			1	-		-		1	-		-	-		
		Loc	gitud	le by Chronometer fo	rom Afternoon Obs	ervatio	ons @								,		
				le by Chronometer f				*						1000			
				n of the Compass by		erved	at S	unset							,		
				THE RESERVE OF THE PARTY OF THE													THE R. P. LEWIS CO., LANSING, MICH. 499, LANSING, STREET, STRE

Commences and sulil & a.M. Weather overcast and cool. Calm. Tide tuned flood

(Liqued) J. K. Cogswell.

From 4 to 8 a.M. Overcart. Damp Good Disagneable. Balu. Cum Mint cloude. at 7.30 Flagship made general signal 3350. Plack water at 8. Itam in live boiler. Distilling.

(Tiguest) Richard J. Davuport.

From 8 to Muid. Overset, damp and cool. At 9 Flagship made general signal 8247 and 6141. At 9 fished topegallant marks and swayed topegallant yards up and down the marks. Isrung to est at 8.30. At 940 impected at quartie, 1st and 2 and divisions exercised at quart gum. Marker and Fooder divisions at facingle. Than in live borles.

Signed Wainwright Gellogg.

Signed Wainwight Kellogg.

Flow Muid to 4 P.M. Ovecast, rainy cool. During the watch engaged in scraping blocks. At 310 slack water. At 3.40 Flagship signaled (Anny Grow) suf hammocks. At 3.50 sleep suring to flood tide.

(Liqued) J. T. Pullivan.

From 4 to 8 9.811. Overcast, damp, cool and sainy. at 5 kinetical at quarter Riding to flood. Itiam in live boiled.

Thom of to Midwight. Clear, cool and pleasant. Light &v. I. W. wind. I than in him to toilur. At 8-10 black water. At 8-30 suring to est.

(Tiqued) Wainwright Kellogg.

100	10	the	UNITED STA	TES Stee	rue	u	0	20	Ley	1"			5	real		Rate, 6 Gr
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Р. м	Latitu Curre Varia Varia Water Water Coal	de by tade b tade b nt dur tion of tion of r exper	Observations at No y Chronometer from ing the time I the Compass by A deed during the pro- our clease of sining on hand fit for med during the pro-	knots fr kn	ns, percent at at	r hour, Sunris	e are					145	221 200 219 000 22 44	, gal	" lons.	
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From & to Meriol. Overcast. Cool. Light bruge from U. S. Delivar Link.

Thom & to Meriol. Overcast. Cool. Light bruge from U. S. At 9.80 inequality at guarding to find.

Of guarding. I Division expecient and single sticker. 2nd Division buses arms.

Of grant of the state of the strate of the str

Inn 8 to Muid. Overcast. Good. Light buye from U. at 9.80 inepected at qualter. 1 st Division expected at lingle sticke. 2 and Division levels anne at 9.00 stack water. At 9.40 strip suring to est tide. At 11.10 admiss visited the strip. During the watch crew sugaged in scraping hocks. Iteam in sur boilur. At 10 hoisted sum 9.

Thom Muid to 4 P.M. Owecast and cool. Riding to ett tide. At 100 Flaguip made signal 3918, priped down scrubbed hammocke. At 180 Muslind at quartie and timed in clean hammocke. Plack water at 2:30. At 300 Muslind at suring to flood tide. At 5.80 Kent ontoard the "Montant" the following named mu for lemporary duly. Richard Freak (Mach) The Cacheran (C.T.) folm make (C.T.) Walter Carlin (C.T.) Will Juny (C.T.) Which Juny (C.T.) Which Juny (C.T.) and Juny (C.T.) Which Juny (C.T.) folm That (C.T.) furnish Muny (C.T.) and James Hugher (C.T.)

From 4 to 89. M. Clear cool and pleasant. Light beege from Wand 6 d.

Time 8 to Midnight. Cloudy Cool Pleasant. Fresh W. E. Luye. Gir Cum cloude. Obscured Moonlight. Hack water at 9.10. Herring to est at 10. at 11.80 El. 9. House came down and anchoud, Monved distinguishing lighte. Than in his boilur. Distilling.

Tigued Richard J. Davenport.

	LOG of the United States Stanus Excey" Soul Rate, 6 Guns, Hamplon Roade Fa.																		
,	og	of	tha	Harmen Sma	mps . Ties			6	00		,				f.	ed	Rata	6	Guno
-	200	U	the	UNITED SIX	The Orea	nuer	11			7	0	5	0/				mate,	0	ouns,
						7	Ya	me	lou	. (90	rasi	le ba.						
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	Hour.	Knots.	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Ale Dry Bulh	Air Wet Bulb.	Water at surkes.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea.	Record of the at e	mil the year od of watch.	d is under
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				e by Chronometer fi	rom Afternoon Obs	ervatio	0 800												
				of the Compass by		served	at C.	*							,				
		-		- company of	Jampanade 000	THE PER	as ou	-								-			

Communes and butit 4 Q.M. Weather overset. Rainy during last two hours of water Tuels buye from M. E. F. M. Pracounter falling slowly. Hack water at 2. Phip suring to flood at 2.30.

Signed Wainwright Kellogg. From 4 to 8 a.M. Overact and stowny. Wind feel in equally from It and bed Riding to flood tide.

(Figured) F.T. Puling. (Figured) f. T. Pullivan. From 8 to Muid. Plouse, surving. Thougheye from We handing to EV. at 1015 Sund to Go fathorne fort chain. at 1015 Ship suring to ett lide. (Ligues) f. K. Cogewell. From Muid to & P.M. Osucart Cold Panally. Rainy. Surving Pling N.W. wind. Riding to est. Plian in two boiler. Distilling. Signed) Pichard J. Davenport From & to 8 13th. Overcast, rainy equally. at 4.80 Flagelish waster signal 4985. at 5:15 Mack water. This suring to flord at 6. (Figued) Wainwight Kellogg. From 8 to Midnight. Weather cloudy and cold. Fresh buye from U. W. Light digiting lune in latter frast of watch. Furing to the est at 10.25. More visible. Signed J. K. Gogewell.

Examined and found to be correct.

Asalvalker, Navigator.

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LOG	of t	he UNITED	STATES STATES			6	20	1.	"				9.	nol	Rate, 6 6	luns,
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		Patho	Direction.	Force.	Leeway	Height in inches.	att'd.	Air Dry Bulb.	Wet Bulb.	at serios.	by symbols.	symbols.	Prop.	Sea.		
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1	Distance run by Log since preceding Noon knots fathoms.															
1	Latitude by D. R. at Noon															
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1	Latitude by Observations at Noon ⊗															
1	Longitude by Chronometer from Forenoon Observations * ' "															
(Current	during the time	knots fi	ns. per	hour	, setting	to the									
,	Variati	on of the Compass	by Amplitude ⊙ observ	ed at	Sunri	se .							,			
,	Variation	on of the Compass	by Azimuth ⊗ observed	at								4000		"		
,	Water o	expended during to	he preceding 24 hours									22	/ gal	lons.		
	Water	Condens	during the prec	eding	24 h	enno						78	0			
	Water	remaining on hand	i fit for use at Noon									219	0	4		
	Coal ec	nsumed during th	e preceding 24 hours								1 .	ons 62		lbs.		
	Coal re	maining on hand	at Noon								142	" 22/	0	**		
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				erved	at Sou								,	"		
		stion of the Come	b-		- 04							-	,			

By order of Commanding Officer, the following approvided Evere advanced in rating, from the 1st of Dec, 1876, for proficincy and good conduct while on duty- viz-. Dian in tur boilur. John W. Scott. From 2 nd Bry to O. Sea 2 nd classficuard g. Dayuport. from El dand W. d. lood out of harbor. ade ligual 3854-Wainwright Kellogg. Flagelije made gunal: Sail . At 10.80 Surung 11 Juled Hail . Pisting John Kink. From 1 stc. Prog to O. Lea 2 and class. om Hd and El d Win 6. Haggendolliam." " (B.T.) suspen ded from C.F. Ferry . From 1st c. Bry to O. Lea 2 nd class Charles Leller . " " " " " " " " " " i. at 5.85 Mach ilue. Candending. Lichard J. Bourfort. Patrick Duffy- " " " " " the Eval Furning to Folm Gettet. Trown 2 and c Bry to 9 ha 2 and class.

Edin Lucies- From 2 and c Bry to 1 st class BryWin f. fenkins. " " " " " " " " " & T. Pullivan. Lint. Tretar Power - " " " " " " f. B. Glanley . " " " "

Homeneck and suite 4 a.M. Cloudy- Freying- Fuch wind with strong fuffe from M.W. Obscurd succeediglet. Riding to ebt. Plack water at 3.30. Please in tur boiler. Condensing. Construing -(Tiguest) Gichard J. Dagouport. From & to & a.M. Clear, cool weather with fuch wind from & dand Wed . Survey to flood at \$10- & P. F. Huran" got under way and blood out of harbor. How in to 45 fathouse on frost chain. at 7.80 Flagship made signal 3854. Figurd) Wainwight Kellogg. From I to Muid Clear. Gold Freel H. W. wind. At 8.50 Flagelish see she general signal 5455. At 9.80 exercised at general quarter. At 9 loved sail. At 10.80 suring to est. At 11.25 Flagelish made general signal 5426. At 11 fulled sail. Risting to est. Illiam in live boilur. Constanting.

Thom Meriod to 4 9.9M. Osercart, cold. Phong bruge from H. d. and & d. and at 8 d. At 3-25 Flagellish smade signal 6984. Folia O'Heil (B.T.) surpended from duty and confined to the belte deck for hot obeying order.

(Signed) J. K. Cogewell.

From A to 8 9.94. Blear. Cold. Frule W. M. W. wind. at 5.85 Selach water. Phip survey to flood at 6. Please in two boilers. Candening.

Figured Cichard J. Parenport.

Tenn V to Midnight. Clear and cold Wind freel from the Wed Funning to

(Tigurd) f. 7. Fullivan.

Examined and found to be correct.

Asalvalker, Navigator

	LOG of the United States Steame Eley" 3rd Rate, 6 Guns, Hamplon Roads Va.																		
	LOG	01	the	UNITED S	TATES J.Cau	ue		Ha	im	fel	ōu	0	Poade	Va			nate,	0	oruns,
	WINDS. BARGOSETER. TEMPERATURE.																		
Hour. Knots. g Courses storeed. S Batch to The Air Water. Clouds, by g of the Re															Report of the soil	the restel i	s under		
	Hear.	About	Fathoms.	Contain storage		Force	Leerny	Height in inches.	Ther.	Dry Bulls	Wet Bulb.	Water	by symbols.	symbols.	Prop of Sky, in	Sea.	at end o	f watch.	
	-		A				1								22				_
	1. W. 4.7 29.8840 36 37 to acum 2																		
	1 N.W. 4.7 29.8840 36 37 Fe acam 2 2 9.89 39 34 35 " " A																		
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	5 90.80.490. " 34 . 31 . " "																		
	6 " 45 29.96 " 32 " " " "																		
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	8 " " \$0.00 " \$5 " " " " "																		
	10		13		N.N.W.					4			"	4					
	11							8008	25	22					3				
	Noon.				N.48V.	5	16	Bank	84	84	84		,	"	0				
	TAOON.				10,800.			0001	/	7	9				-				
					preceding Noon									knots	fath				
				D. R. at Noon												-			
		Long	tude b	y D. R. at Noo	n									1	'	*			
		Latitu	de by	Observations at	Noon ⊕										,				
		Long	tude b	y Chronometer	from Forenoon Observ	ution	8 🖯								,				
		Curre	nt dur	ing the time	knots fi	ns. pe	er hou	r, setting	to th	e									
		Varia	tion of	the Compass b	y Amplitude ⊗ observ	ed at	Sunr	ise							,	"			
		Varia	tion of	the Compass by	y Azimuth © observed	at									,	"	3839		
		Wate	exper	oded during the	preceding 24 hours									221	gal	lons.			
		Wate	,		during the pres	edin	g 24 l	hours								14			
		Wate	r rema	sining on hand f	it for use at Noon									23%	0				
				Contract Con	preceding 24 hours									ons 22					
				ning on hand at									142	" "	10				
		-	- Constant	and on name as	270011								111						
	P. M.																	-	
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	4				"	4	-	30.02					-		6				
	5	-	-			64		80. 04						Come Hint					
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	7	-	100		W.	5.7		30-12					-	0	7				
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	9	1	1			5	_	"		_	36	_	*	*	#				
	10	L	1			4		80-10	-	34	35	1			"				
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	-					1	-		-	-	-		-	-		-			
		Lo	ngitud	e by Chronomet	er from Afternoon Obse	ervati	ons e)							,	"			
		Lo	ngitud	e by Chronomet	er from Observations			*						Market or a			2000		
		Vi	riation	of the Compas	s by Amplitude obs	erved	at S	ineet							'	*			
		_	-													-			

, U. S. Navy,

, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and sulit & Q.M. Weather cold and cloudy. More visible Strong huye from H and W. 6 H lide. (Signed) f. K. Cogene From 4 to 8 a.M. Cloudy. Freezing - Freele Ev. H. Ev. wind, circum cloude. Plack water at 6. Purung to flood at 7. Thom on his boiler. Distilling. Diqued Richard 9 Danuport. From 8 to Merid. Clear Cold. Freele wind from Et of Carpenter Pichardeon Reported for duty- at 9-30 inspected at quarter. At 10 general smaller. Hoisted quard flag. At 10:30 overed to 60 fathom shacks at fort hit, and quade perparation for slipping. At 11-15 lighted fine small four main boiled. Plack water. At 11:35 swring to est lide Distitling during water. At Junal Secretic, Jenual Order No7, in regard to the proceeding and findings of the Court Wartial of Daniel Ryan (Tea) was read- Read article of War. (Signed) Wainwright Kellogg. From Muid to 4 9.M. Clear and cold. Fresh freye from the Wod. "Plymonthe" arrived from Morfolk and anchoud at 1.45. Banked find whole lift boiler.

Signed f. T. Fullian-(Signed) f. J. Fullivan-From I to 8 9. M. Clear and cold. Frule Evely bruge Rache water at 5.45. Puring to flood at 6. Banked fine under lip main boiler. average cliam presence 27 the. Temp of bunker 76°.

(Figure) f. K. Cogewell. From 8 to Midnight. Clear first part of watch, overcast latter fract.

Freele N. N. W. wind. Cold. Flack water at 10.30. Faring to est at 10.50.

Banked fine under life boiler. average Steam ferreum 35 lbs. Temp of bunker

Examined and found to be correct.

Asalvalker, Navigator

(Tigued) Hainwight Kellogg.

WINDS. BARGGETER. TEMPERATURE. State of the Forms of Co. State Description																	
1					WINDS.			BARCORE	TER.	TEN	PERAT	URE.	3 2 3 3 3		34		
	Hour.	Knots.	_	Courses stoered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is at end of watch.
			Path				2								24 100		
	A. M.				1 3								,				
	1				n.w.	57		8010	31	80	80		Fe	Cum Heins	/		100000000000000000000000000000000000000
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	9 80. " 8012 86 " " " " "																
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	10 " 80-1189 34 34 " 912 8																
	11	-					-	-	-	4			-		1		
Noon. 8010 " " " " " "																	
Distance run by Log since preceding Noon knots fathoms.																	
Latitude by D. R. at Noon																	
Longitude by D. R. at Noon Longitude by D. R. at Noon																	
Longitude by D. R. at Noon Latitude by Observations at Noon ©																	
					rom Forenoon Obser	vation	80								,	"	
				ring the time				ur, setting	to th	ie.							
					Amplitude ⊙ obser										,	*	
							Dun	1100							,		
					Azimuth © observe	dat										11	
			-	7	preceding 24 hours											llons.	
		Wate	z (ouslused	during the pro	scedin	g 24	hours							40		
		Wate	r rem	saining on hand fit	for use at Noon									21	90	44	
		Coal	CODE	med during the pr	receding 24 hours								3	14 . 7	60	Ibs.	
		Coal	rema	ining on hand at N	Noon								139	" 77	90	at	
	-					-	_		_	-	_	-	-	-	-	-	
	P. M	L	1							-				1911			
	1			10000	W.	4.0		8009	40	90	80		te	li Cu	6		THE REAL PROPERTY.
	2							Bong	49	98	30	,	"	"	8		The same of
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	8	3	+		0.010	5	7	80.12		10	-	7		-	1		
	1	1	+		N. H. E	1	-	"	40		31		-		3		
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	1	-	-	1000	*	4		301	5 "	4	8	8	1		"	-	
	M	id.	4	-	" "	4		"	"		"		*			-	
		L	agita	de by Chronometer	r from Afternoon Ob	serval	ions	0							,		
		L	ogitu	de by Chronomete	r from Observations			*							,	"	
		V	ariati	on of the Compass	by Amplitude of	beervo	d at t	Sunset							,		
		-															

Commences and until & a.M. Clear and cool. Moduate breeze from It & and Evil.

(Tigued) J. T. Pullivan.

From 4 to 8 a.M. Weather cloudy and cold. Clear in latter part of water. Right W.W. beege. Tide turned flood at 5.45. Flagelip woods general signal 3350-

(Tigued) J. K. Cogewell.

Thru I to Merid. Clear and cold. Riding to flood tide. At 900 made interrogating signal 455%. Flagelish answered 90%. Hauted fine under four toilure. At 9 30 mustined at quartere. Com de Officer inspected crew and ship. At 10 called all hands to surete and prayers were read by Com of Officer. Hack water at 11:20. Temp of bunker 95° amage Steam pressure 20th. Banked fine Eusle liv boiler - Dietilling -(Tiguest) Richard J. Davufort.

From Meriod to 4 9.M. Clear and cold. Light N.W. here. Survey to est at 12:80. At 3.80 Midelipman W. G. Hannon reported for duty. At I "Tallaporea" came in and parend on to Horfolle.

(Tigued) Wainwright Kellogg

From & to & P.M. Blear cool, with light bruge from H.W. at 510 commenced distilling. At lun down got up clotter line. Plack water at 6.45. at 7 ship luring to flood.

From 8 to Midwight. Clear Colol Pleasant. Moduate Hure from N. N. W. Bright woonlight. Risling to flood. Pleasant two boiled. Distilling.

Signed Richard J. Davemport

Examined and found to be correct.

Asalvalker, Navigator.

				6			-	2					3:	ed		Rate, 6 Guns,
LOG	of	the	UNITED STA	TES Stea	uu	1	10	ee	y			Roa	0			Rate, 6 Guns,
							1	Ya	my	fel	ōu	You	ell &	a.		
				WINDS.			BAROMETI			PERATU				4.		
Harr	Knots		Courses storred.	12.00		6		-	-		-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Cles	State of the	Record of the roll the vessel is under at end of watch.
		Pathoma.		Direction.	Force.	Leerny	Height in inches.	ther.	Alr Dry Bulb.	Wet Bulb.	al urbos.	sy symmon.	куплона.	SES.	Sea.	
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9				M.w.421.			30.36							9		
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Noon.				,	2-3			. 4	0	1		4				
2000					70											
	Distan	100 FI	n by Log since pres	reding Noon									knots	fithe	oms.	
	Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon															
	Latitude by D. R. at Noon															
	Longitude by D. R. at Noon															
	Latitude by Observations at Noon o															
	Longitude by Chronometer from Forencon Observations ⊙ Current during the time knots fins. per hour, setting to the															
				Amplitude © observ	_									,	"	
				Lzimuth ⊙ observer		· wan									M	
			nded during the pr										22	/ gall	lons.	
		_		during the pre	codin	r 24	hours						86			
		_	aining on hand fit f										258			
			med during the pre-									, ,	1 P	00	lbs.	
			ning on hand at No									130	" 17	30	"	
												130	'/	,,		
P. M	L			ME				- 7								
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8			No. of the last of	,	2		3029	58	49	50		"		11		
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7			100		1-	2		1	-	44		1	"	10		
8					4			45		48		"		"		
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M	id.			"	i	_		4	"				"			-
-	-					-		-	-	1	-	-	-		-	
Longitude by Chronometer from Afternoon Observations ⊗																
			de by Chronometer				*						-	1	-	
			n of the Compass b		BETVE	d at !	Sunset							1	"	
	V	ariatio	n of the Compass b	У	at									,		

, U. S. Navy,

, 1876. .

Commences and until & a.M. Clear cool and pleasant. Light M. M. W. heye. Aright surveight. Survey to est at 12:20. Distriting with the briles Signed Wain wight Kellogg. From 4 to 8 Q.M. Clear and cold. Light H.W. 4 air. Fung to the flood at 6.80. At 7.80 Flagelip made general liqual 3850.

Signed J. F. Fallivan. From 8 to Meriod. Clear, cool and pleasant. Light heeze from Hand Wet. Est lide-Fine Muid to 4 9.M. Clear Cold. Light N. M. W. huye. Plack water at 1243.

Of 1.30 suade liqual 2424. During watch engaged in exercise with all toate.

Please in live toiler. Distitling.

Grand J. to 8 9.M. Clear and cool, light huye from Hand W. Giding to est lide. Plack water at 7.25. During latter part of watch chip winging to flord lide.

Tigued Wainwright Kellogg.

From 8 to Midnight. Weather cloudy and cool. Light W.W. heeze. Piding to the flord. Monelight.

(Signed) J. K. Cogewell. Link.

Asalvalker, Navigator.

LOG	of th	o IIvi	TED STA	TES Steam)	6	ex	w			Poas)	en	d	Rate, 6 Guns,
Lou	or u	le ONI	IND OIR	III James		+	ta	un	pli	-ne	Roas	u 8	a.		
								/					1		
				WINDS.		BAROMET	TER.	TEM	PERATU	EE.	Onto of the	Perma at	Hear dhe	State	
Hour. B		Con	race steered.	Directica.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet Bulb.	Water at artes.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Sea.	Record of the rail the vessel is under at end of watch.
A. M.				1/4/80	2	3031	11	4.	20		te	cie	9		
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6				"	*		39		35		"		11		
6	100				*	3042			1		"				
7				,	'	"	,	36			"	"	4		
8						8047		38	39	-	#				
9					1-2	30-44	,	46	"	3			*		
10				,	1	11	40	40	40				1		
11	100	1000			4	80-47	42	41	42				8		
Noon.					"	80.42	44	43	41				14		
Distance win by Lors since reproding Noon knots fathoms.															
Distance can by and auto processing around															
Latitude by D. R. at Noon Longitude by D. R. at Noon															
													,		
			vations at N										,		
				m Forenoon Observa											
		during th			-	our, setting	to th	10					,	,,	
				Amplitude @ observ		nrise									
				Azimuth © observed	at								•	"	
		0		eceding 24 hours								2//	ga	llons.	
	Water	Cous	luiest	during the prec	eding 2	4 hours						78	0	**	
	Water	remaining	on hand fit i	for use at Noon								219	0	41	
	Coal co	nsumed d	aring the pre	ceding 24 hours							1	1000 /0	60	Ibs.	
	Coal re	maining o	n hand at N	000							135	" 67	0	44	
							-		-			,	-	-	
P. M.	8							100							
1				M.M.W.	4	3040	44	144	42		be	cir	5		
2				"		"	#				"	11			
8				"	4	1					"	"	6		
4		39 2		M. W. 4 W.		8040	45	3 45	45	1	"	"	7		
5				96.80	1-2		45	5 41	9 44			aigh	3		
6	100	10		4			4	143	, "	100		11	9	100	
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20.00	-				1		1	+	-	-		1	/		
Longitude by Chronometer from Afternoon Observations ⊙															
					ervation								,		
				from Observations		* Connect							,		
			he Compass		orred at	Sunset							,		

Commune and milit 4 a.M. Concart. Camp. Hazy Light M.W. huze. at 1-05 stack water. At 1:50 Suring to est tide. Obecund suconlight. Tham in tier briles. Distring. (Tigued) Victions 9. Davuport

Firm 4 to 8 a. M. Doucast first part of watch, clear latter part. at y stack water at y-30 storing to flood. Received in Pay Department 138 the of buf, 120 the of vigitable. Hoisted guard flag.

(Tigued) Wain wight Kellogg

From I to Merid. Clear, cold. Freele bruge from It d'and bot At 8 Clartid fine sunder form boiler. At 9:30 inspected at quarter. Exercised 14t Division at small arms. 2 and Division at single sticks. Powder Division at facings. Fine banked under six boiler. Giding to flood.

Signed) J. T. Pullivan.

Pint.

From Meriod to 4 9.94. Clear and cold. Fresh Steeps from We and West. at 2.30 suring to the est. Engaged in fitting master and saile of toate.

(Tiguest) f.K. Cog well.

From 4 to 8 9.M. Clear Cold. Moderate Luge from H. W. W. at 415 Flag Mich made general liqual 2985. At 5.20 commenced distitling. Fanked fine under six briles. Riding to est.

Signed Richard G. Davenport.

From 8 to Merid. Clear and cold. Light U. W. 4 aire. at 915 lung to flood. Five bow feel under six boilers. Distilling. average steam pressure 27 the. Trusp of bunkers 67?

Timp of bunkers 67?

Tioned F. T. Pullian.

Signed J. T. Pullian.

Asalvacker, Navigator.

LOG	LOG of the United States Steam Exty" 5° Rate, 6 Guns, Hamfelon Roads Va.														
						/	Ya	my	, and	ore or	oasa		a		
WINDS. BADDORFER, TEMPERATURE.															
Hour. Kr	Hour. Enots. Courses streeted. Direction. Furne. Height in Inches. Ther. Air Dry West at Bulb. Bulb. surface. by symbols. Symbols. Sen.														
A. M.								96							
			H.W. W.	2	80.39	1.	20	40		te	ai				
1			H.		3040		87	24		,,	"				
2			n.		0040			90		,	Cum				
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Noon.	000141 06														
Nood.															
Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon Longitude by Chronometer from Forenoon Observations * ' "															
Ci	arrent de	uing the time	knots f	ms. per	hour, setting	g to th	10								
		of the Compass by A										,			
		of the Compass by A										,	"		
		ended during the pro									121	gal	Ilons.		
	Vater		during the pre	ceding	24 hours								44		
		naining on hand fit fo									219	00	44		
		amed during the pres								, ,					
		ining on hand at No	-							12,	" 1/2	0	66		
	THE PERSON	mind on many as \$10	M4							124	114	0			
Р. М.			75555								1000			,	
1			0/40-			1	0	0 -		,					
9			n, a.	5.8	30.51	40	00	33	-	te	Cir Cum	100			
3			N.4 &.	0	30.31	1	88	09	-	,		"			
4			n.n.a.	0		11	36	38		"		1	100		
	2		-	"	30.38					4		4			
5			4	1	30.85						1	0			
6			N.W.	1	30.36		40	11	-	~	"	8			
7	7		1	"	80.87	1		142		"	"	7			
8			,			10	82	32	-	-	"	1			
9	-		"	"	30.31	9 0	"		1	"	-	"	-		
10				1-2		40	, "			"	"	9	128		
11	I A		"	1	*	3	9 "	-		*	"	4	-		
Mid.				3.4					-			4	-		
Manne	-			-	-	-	-				-	-	-		
	Longitu	de by Chronometer i	rom Afternoon Ob	ervatio	ns 🖯						-	*	**		

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude — observed at Sunset

at

Communes and sentil 4 a.M. Weather clear and cold. Light breeze from It & and W. High water at 2 octock.

Signed) f. K. Cogewell.

From 4 to 8 a.M. Clear Fruzing. Light H. W. heeze. at 7.30 Flagewip washe general liqual 3850. Franched fine washe life brille. Districting. Pishing to est. at 8 horisted general flag.

From 8 to Muid. Clear and pleasant. Light bruge from H.W. Plack water at 1.55. at 9 Flagship made perparatory 5 + 55. loved sail. at 9.30 sunctions at

quartie. Exercised at infanting and howitze deitl. At 1/25 Plagelis made furparating 4726. At 1/30 fulled sail. Distilling first part. Banked fire lit boilur. Aveage steam freezen 25 lbs. Temp coal bunger 64° folm O'kil

(6.5.) was released from asset by order of Com of Office.

Signed Wainwight Kellogg.

Firm Muid to 4 P.M. Cool, clear and pleasant. Light breeze from Por and Eve. at 1.80 Flagship signaled \$108. at 1.30 Sout light saile and crown top gallant and royal yarde. Exercises at Making and Refing sail. at 3 ent down loggallant and royal yarde. at 3.30 Flagship made general light 2984. Purney to est at 3.30. at 4:50 Flagship made general light of true tanked under six boiler. average steam presence 25 lbs. Temp of bunker 64°. Exercised with Flagship in signalling by Communicial Code.

Tigued fo T. Fullivan.

From I to 8 9.81. Clear and pleasant, light huze from Podand & Phip siding to the ett. Phene presence 20 the Temp of bunker 642 Jan W. Moore (B) and F.C. Joue (B) tur hour extra duty, by order of Com of Officer, for being wirry at hammorks.

Signed) J. K. Gogswell.

From 8 to Midnight. Clear and cool. Fruit I.W. bruge. Riding to the est lide Plack water at 1080. At 11 suring to flood. average steam fruiter 18 the. Temp of bunkers 80°.

(Tigued) Wainwright Kellogg.

Examined and found to be correct.

Asalvalker, Navigator

LOG of the United States Stamu Extey" 3rd Rate, 6 Guns, Hampton Goade &a.														
Hamplon Roade Va.														
Hour. Enots.	Record of the soil the vessel is under at end of watch.													
A. M.														
1	W.W.	12	3038	98	31	80		be	cie au	8				
2	4	2		34			239			11				
3	9/	"		"	11	"		"		#				
4	"	11	,		11	A				4				
5	H.W.		30.89	-	37	34				9				
	n.a.		20094	11	10	000				10				
6	"	"	01	en	200	"				10				
7	"	4	3040	36		9		4		"				
8														
9														
10														
11														
Noon.														
Distance run by Log since preceding Noon knots fathoms.														
Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon fathoms.														
Longitude by D. R. at Noon														
											"			
Latitude by Observations at N										,				
Longitude by Chronometer fr														
Current during the time			hour, setting	to the	0									
Variation of the Compass by	Amplitude @ observ	red at S	unrise						•	,	"			
Variation of the Compass by	Azimuth @ observe	l at							*	-	"			
Water expended during the p	receding 24 hours								211	gal	llons.			
Water Condenses	during the pre	ceding :	24 hours						73	0	*			
Water remaining on hand fit	for use at Noon								255	5	44			
Coal consumed during the pro-	aceding 24 hours							7 1						
Coal consumed during the proceding 24 hours Coal remaining on hand at Noon 2 tons 9/0 lbs. 150 " 2/0 "														
								100	1,					
P. M.		F		100				100000						
1	014,00			1	,	1		,						
	9.4 W.	13	50-80	47	42	42		te	Cie au	4/0	-			
2	das	"	80.26	48	"	-		*	"	1	1			
3	9.80.	"	30-24	149		100			14					
4	9.20. 4 20. 9. 9. W.	10	30.20	58	49	100		"	4					
5	9.9.W.	11	"	50	43	9		"	11	"				
6	"	11	*	48	42		33							
7 " " " " " " " " " " " " " " " " " " "														
8 . 30-19" 41 te . 9														
9 2.9 30.20 4689 & " 10														
10 9/8/49. " 4440 " " "														
11 9.81. 49. " 4440 " 10 fe 9/1 9														
Mid.		11	3011	6 "	A				"	"				
	7	1	7,,,		13									
Longitude by Chronometer	from Afternoon Obe	ervation	u 0							,				
Longitude by Chronometer			*							,				
, January	- The Court of the		-											

Variation of the Compass by Amplitude — observed at Sunset

Commences and sentil 4 a. M. Clear and cold. Fresh P. W. here. Fing to the est at \$15. Five banked small six boiler. avage steam pressure 30 lbs. Temp of bunkers 63". Tigued) f. T. Pullian. From 4 to & a.M. Weather choresty and cool. Light I.W. buye - Riding to the est. Received fush provisions for cur. Hoisted quand flag at & a.M. Figured J. K. Cogenee. From 8 to Merid. Clear and cool, light P.W. Luye. at 845 Flagelijk made pulp Liqual 6144. at 9 croud topgallant sparde. at 11.15 "Hartford" made Rignal 1047. at 1030 elack water. at 11 swring to flood. Temp of burker 810- awage steam frame 25 lbe Bauped fine sender lif toiler Distilling. Exercised crew at cleaning slip for action. Figured Richard J. Dayuport From Merid to 4 9.M. Overcast, cold, light I. St. here. Riding to flood. Plack water at 5.20. At 5.50 luring to est. Overage Steam presence 22 the Temp bunker 80° Distilling.

Signed Elainoviight Kellogg. Tigues Wainsvight Kellogg. From 4 to 8 9. M. Clear, cold and pleasant Light P.W. bruge. at 4.15 Flag ship made signal 2985. at 4.30 Flag ship made signal 6 941. at 941 sent down topopallant garde. Fine banked ander six toilure. Distitting. Temp bunker 85°- average stram prosessure 25lbt. Riding to est. 25lbl. Piding to est. (Signed) J. J. Vullivan. From 8 to Midnight. Clear Good-Pleasant. Right F. W. 4 lt. Luye Bright starlight. At 1/25 stack water . Funng to flood at 12. Franked fire water six boilers. Distitling. (Tigued) Richard J. Davenport.

Examined and found to be correct.

Asalvalker, Navigator.

				0	D		**									
LOG	of	the	UNITED STA	ATES Tran	uu		Ge	des	6"					ge:	ed	Rate, 6 Guns,
								7	4		4/	ne Ro	an of	8/		
								/	Yu	my	1800	ne of	raux	V u	-	
				WINDS.			BAROME	TER.	113	(PERATU	THE.	Cross of the	Variable 1	lear the	-	
Hour.	Knots.	Puthoms.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Alr Dry Bulb,	Met Bulb.	Water at aurhoe.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
A. M.																
1				S. w. 48.	56		80.12	42	89	36		te	Cie Cum	7		
2				"								,	11	8		
8				"	4-5			43				4		1		
4				"	4		30.08		40	81			"	7		
5				P.w.	3		#			N		"	Cii	"		
6					18		80.07	4				"		9		
7					2		30.00	*	*					"		
8	30.08 45 42 41															
9	90.08454241															
10												4				
11							30.02					"				
Noon.							80.00							1		
Zhou							00 00	0.	1	-					1	
	TV		he Ton since we	Hen News								THE STATE OF THE S	-	Calle		
	Distance run by Log since preceding Noon knots fathoms.															
	Latitude by D. R. at Noon															
	Longitude by D. R. at Noon															
	Latitude by Observations at Noon ⊖															
				om Forenoon Observ									-		"	
			ring the time				our, setting	to th	0							
				Amplitude ⊗ observ		Suni	rise						-	-	"	
	Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours ✓// gallons.															
	Water during the preceding 24 hours "															
	Water during the preceding 24 hours "															
	Water remaining on hand fit for use at Noon 2/90 "															
	Coal consumed during the proceeding 24 hours 2 tons / 3 5 0 lbs.															
	Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 2 tons / 3 5 0 lbs. 12 7 " // 0 0 "															
						-										,
P. M	-	13		-1												
1		1		9.Ev.	1		29.98	52	48	48		0	Cun Hin	+0		
2		100		9.8v. 4 8v. 9.8v.	1		29.90	#	49				*			
3		13		9.85.	3		29. 94	53		48		te	"	2	100	
4					23		"	52	4	46			Cun the	1		
5	1	1		9.80.49.	4		29.9	250	74:	544			11			
6		10		"	4		"	4	9 4:	8 42		"	"	4		
7		1					29.9	448	1 11	#			" -	19	1	
8					3		29.9	9 1	4		1		11	10		
9			15000	9/2v. 4 &	- 4		29.9	5 0	41	60				9		
10)			*			"	1	-				"	11		
1	1			"	"		19.9	6		43	,	-	"	4		
М	id.	3		"			1	1	. 4	42	4		"	"		
-		1								1						
	L	ongitu	de by Chronometer	r from Afternoon Obs	ervati	ons.	0								"	
				r from Observations			*								"	
	V	ariation	on of the Compass b	by Amplitude of	SCEVO	atf	Sunset									
																The second secon

Commenced and sentil & a.Ell. Bless and cool Light P.W. here. at 13.30 llift lung to flood. average etiam personer 30 lbe. Temp of humper 70°. Cititing. Ornight monetight. (Liqued) Wainwright Kellogg.

From & to 8 9.80. Clear cool and pleasant. Light P.W. bruge. At & Flagellip signaled \$350. At & hauled down quand flag. Fine banked under hip boilere-Quiding to ebt. Carpenter Henry Danis, was detached from the ship.

From 8 to Merid. Clear and pleasant during first part of watch, overcast and cloudy latter part. Fight buye from France & d. at 9.30 exercised at general quartie. at 9.50 received the following telegraphic signals from Flagelije 6853. 6180-4301. 4345- 9279- 2713. 6555-1267. 8692-6970-6853. (Lole) in solitary confinement on bread and water, by order of Bour of Officer, for being dunk on duty. Time at general quarter in carting look. 1st Div 5 m 3 m 12 und Dio 3 m 80 m 9 Marine Dir 6 m 15 m 9 mode Dir 3 m 45 m Marine 1 m 30 m.

Engine Div. 145 me. Jugeone Div & on Turning to flood at 1080.

(Signed) J.K. Cogowell. From Muid to 4 T.M. Orncart. Good. Mixing furt part, forgy latter fract of watch. Right 9th hurse. at 1:10 exercised cum at surfing topsaile. at 3:30 Flagship made general liqual 2984. Cum engaged in scraping spare. at 3:40 clack water. Banked fine under life boilen. Calilling.

Signed Richard 9 Laverport

From 4 to 8 P.M. Overcast and cool. at 4.30 Running to ett lide. at 430 Flagelije wade perparatory signal 6070. At lundown Sut down Royal Yards. faun Beyeou (Boy) reported outraid, having the transferred from 21.9.9.9 Hotomac to this ship. At 5.30 Mustured at quartur and expected at fire quartur. At 6 Flagelie made Coston liqual 5109, sent down topgallant yards and housed topgallant made. Barowell gradually falling. Amage steam personne during watch 35 lbs. Temp of bunkers 70°. Light here from 9° and 20° 2. (Signed) Wainwight Kellogg

From 8 to Midnight. Clear and cool. Light I'm here. Riding to the est. (Tigued) J. K. Cogewell.

Examined and found to be correct.

Acalvalker Navigator.

)	,	0						0	,	
LOG	of the United St	ATES Steam	un	(De	Dey	1"			Poa	"	-	Rate, 6 Guns,
						+	Va	uefer	lou	Roa	de		Va.
								/		1			
Hour. Kr	note. g Courses stoored.	WENDS.	-						te of the cather, symbols.	Forms of Clouds, by symbols.		State of the Sea.	Record of the sail the westel is under
	diods.	Direction.	Force.	Height in inches.	Ther.	Air Dry Bulk	Wet Bulb. m	Vator by s	symbols.	symbols.	Sky, in	Sea.	at end of watch.
A. M.										1833			
1		P.W.	2-8	29.98	48	4.8	4,	1	te	ci am	5		
2	-	8v. 9.8v.		"	49	"	"		"	"	y		
3		"		2999	48	42				ai the	9		
4		"		"	41	"	"			ai	"		
5		"		30.00	46	43				"	"		
6		W.49.			"	42	41	200			7		
7		"		30.01	*	41	40				5		
8		W9,8V		30.02	"	11	0		*	1	9		
9		980		30.00	"	42	41		"		"		
10		-	1	29.91	48	44	42		•	aiam	5		
11			12	19.90	49	48	44		•	"	4		
Noon.		*	•	19.94	50	"	*6	1	oc		4		
Di	Stance run by Log since pr	monding Noon						700		knots	fatho		
	atitude by D. R. at Noon	coming aroun								KIIOUS .	INIDO	ems.	
	ongitude by D. R. at Noon											"	
	atitude by Observations at 1	Noon ©											
Lo	ongitude by Chronometer fo	rom Forenoon Observ	ations ©								,	*	
Co	urrent during the time	knots fi	ns. per h	our, setting	to the								
V.	ariation of the Compass by	Amplitude ⊙ observ	ed at Su	nrise								"	
V	ariation of the Compass by	Azimuth @ observed	at									"	
	Vater expended during the p									217	gall	ons.	
	Vater Constended		eding 24	hours						78	0 "		
	Nater remaining on hand fit									21;	900		
	loal consumed during the pe								3,0	ons // 3	80	lbs.	
0	loal remaining on hand at 1	(00t)						/	24	" 1	10	"	
P. M.													
1		Ø	1.0	10.0.	F.	1.0	10		cu		,		
2		"	12	29.90					osu	1799	0		
3				110	51	70	,		ol				100000000000000000000000000000000000000
4			"	29.94	,	45			4	350			
5		"	2	"	50		44		0	Cum Kim			
6				29.80		44	"			"			
7		1	12		41	43	42			Himb			
8		9.46.	2	29.78	9	//	"		"	-	*		
9			1.2	29.75	49		41		be		/		
10		220	1	"	"	"	11		*		7		
Mid.		9,9.6.		19.74	148	"			"		8		
AUG.		,	2	dí	"	-	"			-	/		
	Longitude by Chronometer	r from Afternoon Obe	ervations	0							,	,,	
	Longitude by Chronomete		777	*							,		
	Variation of the Compass		erved at	Sunset							,		
	Variation of the Compass	by	at								,		
												1000	

, U. S. Navy,

Commences and until & a.M. Clear Cool . Pleasant Fresh breye with strong equalle from I.W. Hack evalue at 12.15. Riding across weather flood lunainder of watch. Mone sole at 1.15. Pright swoonlight. Banked fine under life briles. Them forest 75° - (Signed) Richard J. Daverport.

From 4 to 8 QM. First how of watch clear and pleasant with fuch bruge and strong equally from 9.20. At 5 bruge increased to feel gale with beary equally, the wind gradually hauling from 9.20. to W.W. at 5 reced to 105 fathouse on port cleain to peep clear of Ply woult that had deagged down close aboard. Pau in fort battery, sigged in flying jibbonn, and braced yarde to the brind. at 515 th. 9. 9. Wyandotte dagged by on elasboard side and brought up action. Thread fire under six snain boilers, steam up at 5.55, Broke out steet anchor and transferred it to foot bow. at 7.30 El. 9. I havenut got under way and stood out in bayant 80 & Clear and cold at end of

(Tiqued) Wainwright Kellogg.

From 8 to Meriol. Clear, cold, strong squalle from W.W. Five thead under six boiles. Broke out slut cleain and got that anchor over port bow, ready for letting go. "Plymouth's "startoard anchor foul of one cleain.

(Tigued) f. T. Tellivan.

Fine Muid to 4 9.M. Clear and cold, Howing string from He and El. at at Plymonthe" slipped her starboard cable and look a suw anchorage, her anchor having been food of our chain. This liding between wind and lide. Tuened flood at 1. Farometer rising. at 2.20 hove in 15/5 fathome.

Signed J. K. Cogewell.

From 4 to 8 T.M. Clear Fruzing. Rising baronneter. Throng wind with heavy furfe from EV. M. W. at 5 slack water. At 5:10 communed distilling-Franched fine under six boilers. Temp of bunker 70: Theam pressure 70 lbe-Riding to ett. Riding to est.

(Tigued) Richard G. Davuport.

From 8 to Midnight. Clear and cold. Itrong W.W. wind . Giding to ebt. average steam pressure 60lbl. Temp of butter 66° - Fine spead under six boilers -(Digued) J. T. Pullivan.

Examined and found to be correct.

Asalvalker Navigator.

LOG of the United St	PATES Stea) mu	. (6	e	dey	,,	ufelõn		g.	esl "	Rate, G Guns,		
						h	tai	uplon	q	oa	de	Va.		
	WINDS.		BAROME	TER.	TEM	PERATU		,	1					
Hour. Knots. g Courses steered.				100				State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 100hs.	State of the	Record of the soil the vessel is under at end of watch.		
A COLUMN EVENT	Direction.	Force.	Height in inches.	att'd.	Air Dry Bulo.	Air Wet Bulb.	at serios.	by symbols.	symbols.	Prop Say,	Sea.			
A. M.					123									
1	9.80.	5.7	2969	47	42	42		for	9/1	9				
2	"	A	29.65	"	"			"						
3	"	4		40	11			"	"	N				
4	",	58		"	"	*			"	4				
5	W. 9.W.	7.9	29.76	44	44	N		beg	Cir Him	16				
6	W.	"	29.84	38	34	33		"	Cum					
7			29.92	"	32	30		"	"	"				
8	EV. M. W.		30.02	35	39	28		by	4	10				
9	n.w.4w.		80.10	33	27	27			"					
10	,	"	30.14	32	A			"		"				
11	"		30.20	80	25	26		"	"	"	-			
Noon.	"		"	*	11	"	"	"	4	*				
		-												
Distance run by Log since p	receding Noon								knots	fath	oms.			
Latitude by D. R. at Noon	Latitude by D. R. at Noon													
Longitude by D. R. at Noor	1									1	"			
Latitude by Observations at	Noon ©									*	"			
Longitude by Chronometer									•	,	"			
Current during the time			hour, setting	to the	8									
Variation of the Compass by			unrise						•	,	"			
Variation of the Compass by		at							•	•	"			
Water expended during the									217	gall	lons.			
Water	during the pre	ceding :	24 hours											
Water remaining on hand fi								2	219	0.				
Coal consumed during the p								5 0	ocs /5	10	lbs.			
Coal remaining on hand at	Coal consumed during the preceding 24 hours Stone /3/0 lbs. Coal remaining on hand at Noon /2/ " 900 "													
P. M.														
1	EN. W. W.	00	0.1	0				1	Cuu	10				
2	u.n.a.	0.7	80.24	20	13	40		6	ouu	0				
8	,		30-26 30-28 30-29 30-30	47	20	44		"						
4	"	7.0	80. 10		13									
5		64	30.30	20	6,			"						
6	"	"	80.40	27	20	20		"	"					
7			80-44	26	1	21		"						
8			80-44	. "	1	"	13	"						
9	*	*	3041	"	28	24		tg.						
10	,	-	4					"	"					
11		"	80.50					4	"	-				
Mid.	*	"	11		23		-	"						
		-	-	-	-	-				-	-			
Longitude by Chronomete		ervation	16 ②						-		"			
Longitude by Chronomet			*						2010410	1				
Variation of the Compas Variation of the Compas		served s	t Sunset							,	"			

Tournences and entil 4 a.M. Weather clear and cold. Wordnate bruge from No and We -

(Signed) f. K. Cogewill.

From 4 to 8 a.M. Clear Freezing. Moderate U.W. wind, cir cum clouds. at 7-30 Flagelish enade general signal \$350. at 7.45 hought to on post cleain. Stopped distilling at 6. Steam in six tribur. Plack water at 5.80. Survey to est at 6.80. avage steam present 62 the Temp of bunker 70° at 8 horisted quard flag.

Figure Pichard J. Camport.

From 8 to Minid. Clear and cold. Light aire from 9 dans 20 th. at 845 Flagelish made free paratory light 6141. Put top gallant maste. at 10-15 called all hands we anchor. Hove sife front anchor. Foul anchor. Phifted butte. Let go elastoard anchor, vered to 45 fallione. Or earings from anchorage. Old Toint Light H. C. 46. Rife Gafet 9. C. 4. C. 46. at 10 Phammet came in and Temp of bunker 640 (Tigued) Wainwight Kellogg.

From Merid to 4 P.M. Clear and cold. Eight F.W. air. Cleared and got fort anchor ready for letting go. Plack water at 1.45. Puring to flood at 215. Oranked fire. aviage steam present 50 lbs. Temp of tanker 60?

(Signed) f. T. Fullivan.

From 4 to 8 9.M. Overcast and cloudy during entire watch. Light bugs from 6th at 4.30 Flagelijk made general signal 2985. This suring to est at 7:20. During latter part of watch svind shifted to Island by at

(Tiguest) f. K. Cogewell.

From 8 to Midnight. Overcast with light fall of know. Gold. Light heeze from I'd. Riding to est during watch. At 8 let 90 feat anchor under foot. Banked fine under eix main boilers. Average steam presence to the Temp of hunkur 90.

(Tigued) Wain wright Kellogg.

Asawalker, Navigator.

LOG of the United Sta	ATES Stea) wer	Ġ	ex	ley Ho	"	yel	in P	5 rade	ed &a	· ·	Rate, 6 Guns,		
	WINDS.		BAROME			PREAT			10000	h .				
Hour. Knots. # Courses steered.	Direction.	Force.		Ther				State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths	State of the Sea.	Eccord of the still the vessel is under at said of watch.		
A. M.														
1	M.M.W.	4.5	80.52	25	16	18		+	200	10				
2		#	80.54		,	11		"		0				
3			80.58			4								
4			"	21						4				
5	W.W.	35		20		17		te	cir	0				
6	"	11	80.62	"				"	4	3				
7		3	80.64		14	18		"	"	2				
8	, 000/11/011 Cum 0													
9	4 %													
10	EU. 9.20. 1 " 32 25 25 " " 8													
11	80.68 · 2020 · cicam 9													
Noon.	0/0-													
		-	-			-								
Distance run by Log since pre	Distance run by Log since preceding Noon knots fathoms.													
Latitude by D. R. at Noon	Latitude by D. R. at Noon													
Longitude by D. R. at Noon	Longitude by D. R. at Noon													
Latitude by Observations at N	Latitude by Observations at Noon ⊕													
Longitude by Chronometer fro	m Forenoon Observ	rations ©								,	"			
Current during the time	knots fi	ns. per h	our, setting	to the										
Variation of the Compass by	Amplitude ⊗ observ	ed at Su	nrise								"			
Variation of the Compass by A	Azimuth © observed	at								,	"			
Water expended during the pr	The state of the s								21	y gall	006.			
Water Consensed	71/0													
Water remaining on hand fit i	Water remaining on hand fit for use at Noon 2555 "													
Coal consumed during the pre														
Coal remaining on hand at No	Coal consumed during the preceding 24 hours 5 tons 720 lbs. Coal remaining on hand at Noon //7 " /420 "													
	,													
P. M.	Na-	130				18	10							
1	9.Ev.	1	80.60	35	39	80		te	Cieam	8				
2	Calm	0	30.58					,	,	6				
8	"		30.56		29	29		"		3				
4	6.	/	80.54	11		28		"		1				
5	"		"	4	28		4	*						
6 7	"	12	80.52	"				oc	"	0				
	Jol.	2	1	1	19	80		"	"	"	-			
8	9,4.80.	2.5	1	1	80			be		1				
	0/0,0	3	50.50	86	82		-	08	Rint					
11	10 9.80. 4 - 1929 " " "													
Mid.														
100.00.														
Longitude by Chronometer	from Afternoon Ober	ervations	0							,				
Longitude by Chronometer			*						-					
Variation of the Compass b		served at	Sunset							,				

Commences and suite 4 a.M. Cloudy and cold. Light P.W. bruge at 245 survey to starboard to flood, Clear have. Five banked. Average steam freezeme 40 lb. Temp of bunker to - Diqued, f. T. Pullian. Flow 4 to 8 a.M. Cloudy and cool. Light here from Prand Wel. How up starboard anchor. Flagelip signaled 3850 at 780. Swring to est at 7.30. Hauled down quand flage at 8.

Figured) f. K. Cogewell. From 8 to Muid. Clear, cold. Light P.W. wind. At 8.45 cleaned and but clean and fished starboard anchot. At 9 vered to 60 fathome, forward front bit, on port chain. At 9:15 Flagelish made general liqual 2995. Answered summeral 36. At 9:35 made general liqual 8005. At 9:45 made summer 8-210. Engaged in cleaning ship. Pranked fine under dix boiler. average Clean ference 40the. Temp of bunkere 910-(Signed) Richard J. Camport. From Merid to 4 9. Mb. Overcast, cool. Raining. Risting to 16th. Hack water at 1.35. At 2.10 Swring to flood. Average steam pressure 38 lbs. Temp of bunkers 89°.

Temp of bunkers 89°.

(Ligned) Wainwright Kellogg. From 4 to 8 P.M. Osucast, cool, laining. Light 64 aire. Giding to est. average eltram freezence 95 the Temp of him feel 82° Five banked. Distilling. Plack water at 7.55.

Signed) f. T. Tullivan-From 8 to Midnight. Ourcast. Cold. Pleasant. Calm. Foggy. at 830 suring to est lide. Cum Himb clouds. Franked fine andu six tribus. Distilling. Pleasur persone 30 the. Temp of bunker 82°. (Tigued) Richard J. Dayuport

AsaWacker, Navigator.

LOG of the United States

LOG of the United STA	TES Sta	me		Ö	les	ex	"		ton (J.	nes.		Rate, 6 Guns,	
					1	+	au	ye	tou (Koaa	4	Va		
	WINDS.			BAROMET			PERATU	-						
Hour. Knots. d Courses steered.	Direction.	Force.	Lorway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at sail of watch.	
A. M.														
1	9.9.ev.	28		80.44	36	29	19		05	Himb				
2	"	"		30.42					"	Process 4				
3		3		30.40					be	Cumkin	,	1		
4	"	2.3		30.38					"	*	1			
5		"		30-86							5			
6	"				37						3			
7	"			11	"	"	01				2			
8	"	3		30.38	36	#	"				0	7		
9	9.8v.			80.82		24	-		,		0	-		
10	2.00.	-	-						"	3	/			
п	"	7 "		80-29						-	"			
Noon.		-		80.27					"	cicum				
Nost		1		30.25-	VO	07	07	1	0	ann Him	10			
Tribuna de Trades esse														
	eding Noon													
	Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon													
Longitude by D. R. at Noon										197	,	-		
Latitude by Observations at No										1	,	"		
Longitude by Chronometer from	m Forenoon Observ	rations	0								,	~	The second	
Current during the time	knots fi	ns. po	e bou	r, setting	to the									
Variation of the Compass by A	mplitude @ observ	ed at	Sunr	ise								M		
Variation of the Compass by A	zimuth @ observed	at									,			
Water expended during the pre	eceding 24 hours									217	gal	lons.		
Water	during the pro	eeding	24 1	enours .						,				
Water remaining on hand fit for										2/9	00	is in		
Coal consumed during the prec	Water remaining on hand fit for use at Noon . 2/90 " Coal consumed during the preceding 24 hours S tons / 0.0 lbs.													
Coal remaining on hand at No.	Coal consumed during the preceding 24 hours \$\mathcal{S}\$ tons /00 lbs.													
									///	104	0			
P. M.													1	
1	cololer	,	-	0. 0	11	1.	1.	-		. 0.				
2	4.9.80.	1		80.24		40	40	-	0	Com Him	0	-		
3	7,	1	337	30.20		1.	"		or	011	-	-		
4	•		-	80.19	46	41	11	-	"	Hint	"			
5	0	*	-	80.14	1	Al	41	-	,	"				
6	Calm	0	1	100000	47	4	40	-	"	"	*	-		
7	2	1	-	0	"		1	1	•	ir		2		
	0,	1	-	80.12	"	1	41	-	*		*			
8	Calm	0	-	8010	-	40	1	-			"			
9	"	"	-	80.06		41	41	-	om		*	-		
10	*	"	-	"	"	"	1	12	of		"			
11	"	"	-	- 11	46	40	40	-	"		"			
Mid.	. "	-	10	*	"	"	"				"			
			_											
Longitude by Chronometer fr		ervatio	ons ©							•	'	"		
Longitude by Chronometer fr	rom Observations			*						-	-	"		

Variation of the Compass by Amplitude — observed at Sunset

Communes and until & a.M. Calm, cool, foggy. Riding to est. Plack water at 1.80. Phips evering to flood at 2:18. Top lifted at 3. amage estam pressure 30 the. Temp of bushes 90: Distilling. Digued) Wain wright Kellogg.

From 4 to 8 a.M. Toggy first home of watch, remainder of watch cloudy and cold with light it freeze. Fine banked. Average steam presence 24th Temp of bunker 84° Distilling water. at 7.30 Hagelije made general ligual 3850.

Digued f. C. Pullion.

Thru 8 to Muid. Overcast and cloudy during first part of watch, afterwards clear and pleasant. Light aire from W. At 9.30 inspected at quartie. Exercised 1st Div at lunche aune, 2 nd Div at single sticke. Towder Div at infanting. At 9.35 Flagelish made general signal 1813, and At 10, 5455. At 1015 loved sail to dry. 2 nd section of tops secrived instruction in Peananchip, Juning and Figures. Boats crew engaged in Scraping blocks and cleaning toats. Turing to est at 8.45.

From Meriod to 4 P.M. Clear Cold Damp. Light variable buye. Bir Bum clouds. At 1.30 had company drill. At 2.30 Flag slip made general vigual \$108. Exercised with Communical code of signal. At 3.30 Flag slip made at 3.30 Flag slip made at 3.50 Flag slip made general signal 4826. From sail. At 3.25 Flagship made general signal 4880. At 3.80 Flagship made general signal 2984. Plack water at 2.25. Paring to flood at 3.30. Please in life boiler. Tump of bunker 82°. Average steam pureum 25 lbe.

Thom & to & T.M. Clear and pleasant. Calm. Riding to flood. at 4.35 Tlagelife made general signal 2985. Average stram persone 25 lbe. Temp of bunker 82. " Digued Wainwright Kellogg.

Trom 8 to Midnight. Clear Gool Pleasant. High water at 8.30. Light aire from I and W. Theam 28 the Temp of bunker 66.

(Ligued) J.K. Cogewell.

Examined and found to be correct.

Asalvalker, Navigator.

L0G	of	the	United Sta	ATES S	liau	nu		Ċ	O.E.	ey +	· ta	upton	Q.	gas	d	Rate, 6 Gur
				WINDS.			BAROMES	TER.	THE	MPERATU	URIE.			24		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther,			Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea	State of the Sea.	Record of the soil the vessel is unde at end of watch.
A. M.																
1				Calm	0		30.04	46	39	39		fe	Cum	0		
2				"	11		30.08	#	40	40		"	"	11		
3							30.02			_			"			
4								"			100	of	"	dr		
5				W. 9. W.	1		29.28					"				
6				"	"		"	48	39	39		"				
7					1-2		"	42	37	37		te	"			
8				Ev.	4		30-00	45	38	38		"	Cirlo			
9				"	"		*	H	"			"	"	5		
10							30.05		_	_	_	+		8		
11							"							6		
Noon.					1		30.02	48	45	40				10		

Distance run by Log since preceding Noon	knots fathoms.	
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊕		
Longitude by Chronometer from Forenoon Observations ⊗		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude @ observed at Sunrise		
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	2/7 gallons.	
Water Conducted during the preceding 24 hours	780 "	
Water remaining on hand fit for use at Noon	2555 "	
Coal consumed during the preceding 24 hours'	2 tons 580 lbs.	
Coal remaining on hand at Noon	112 " 740 "	
	1	

Р. м.								
1	N. H. W.	3	80.02 5.	148	49	fc.	Bii Com	10
2		4	80.04 50			"		
3	C.H.G.			44			Cum	9
4	6.9.6.	1	80.10 4	942			Cie Huns	1 - 1
5	Calm	0	80.154	1.	42	"	Ci Ste	9
6	9.6.	1	30- 104,	7 "	41	,	1	
7	Calin	0	30- 164	6 "	,	//		10
8	"	"	80.24 1	,	42		11	"
9	"	"	" "		1	"	,	,
10	9.	1	" 4	5 40	40		"	"
11	9.80.	2	" 4	4 39	89			'
Mid.	"	"	8025 4	3 "		4		"

Longitude by Chronometer from Afternoon Observations ©		,	
Longitude by Chronometer from Observations *		,	
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Comment by		,	

Commences and sentil 4 a.M. Clear Cold. Light S. P. W. bruge . Bright startight. Glack water at 3. Parray to flood at 3.50. Banked fine sende six toiler. Disting. aways stram foresum 25 lbs. Temp of bunkers 68. (Tigued) Gichard 9. Compant. Cimt. From 4 to 8 a. M. Blear, cool - Light I have . Gisling to flood . average steam foreseme 20 the Temp of but pere 80. (Tigued) Wainewright Kellogg. From 8 to Merid. Char and pleasant. Fight I.W. treeze. Plack water at 850. Puring to est at 850. At 11 Flagship made signal 1087. average steam pressure 25 th. From fee temp 70? (Figured) J. T. Pullivan. From Elevid to 4 9. M. Clear and pleasant, light bruge from Prand & d. Plack water at 3.30. Pichard four (Rde) released from confinement. At 1.30 received following telegraphic signal from Flagship, 9279.70 W. 6180.
629. 6199. 6889. 32. 0935. 1267. 9219. 4204. 154. Crew engaged in scraping gaffe and Hoches. Gerived a deaft of four une (Coal Heaver) from le I. I. Montante where were sent to that vesse for temporary duty, Fig. James Muny, James Hugher John Fratt and Michael Leavy. (Tiqued) J. K. Gogewell. From 4 to 8 9.M. Clear, cool, pleasant, light P. P. W. huye. Plack water at 4.00. Fung to flood at 5.30. Placted distitle at 5.20. Banked fine sende six toiler. Distitling. average steam pressure 30 lbs. Temp of bunker 80. (Tigued) Pichard J. Comport. Trom 8 to Midnight. Blear, cool and pleasant, light 9.9. W. heye. Faring to est at 9. Oranked fine. Distilling. average steam ferreur 30 lbe. Temp of bunker 66: Signed) f. T. Fullivan.

Examined and found to be correct.

dealvalker Navigator.

								"	0					0	ed	
LOG	of	the l	UNITED ST.	ATES Ste	an	ш		0	0	exi	4	*		J	*	Rate, 6 Guns,
										9	4	amplio	ne q	oas	de	Va.
												/				
-	-		Courses strered.	WINDS.		-	BARCOSE		100	PERAT		State of the Weather,	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
Hour.	R. 100A	Pathoma.	Correct Breezen	Direction.	Force.	Leeway	Height in inches.	Ther. att'd.	Dry Bulb.	Met. Bulb.	Water at serios.	Weather, by symbols.	symbols.	Say, in	Sea.	
A. M.				0								,	1			
1				Calm	0		8026		-			4	Hi	10		
2				9.9.80.	2		"	11	39	39		"	*	"	-	
3				"	"			48	38	00			"	11		
4				d	"		2	1.	"	38			"	"		
5				9	"		30.28	72		"			"			
6				9.46.			30.30		39	-		"	"	9		
7				9			00.00	40	40	0/		to		10		
8				9.8.	f			40	42	,		"	4	"		
9				9,9,80.	"		4		44			"	"			
10				1, 7, 00,	34		30:26	-	-	44		*	"	"		
11				99549	11	7	3022			1		"	"			
Noon.				1,00.00	130				00							
	Distan		by Log since pr	oseding Noon									knots	fath	0008.	
			D. R. at Noon	ccoming avour											"	
			D. R. at Noon													
			Observations at 1	None O												
				om Forenoon Obser	estion	u ()										
							ur, setting	to th	10							
				Amplitude © obser										,		
				Azimuth ⊗ observe												
				ecceding 24 hours									21	8 ga	llons.	
	Wate			during the pre	cedin	g 24	hours								"	
	Wate	r remai	ning on hand fit	for use at Noon									28	70	•	
				eceding 24 hours								21	. 9	60	lbs.	
			ing on hand at N									110	. 31	80	11	
														-		
P. M.	20			01.						13	100		,	18		
1	1			9.80.49	3.4		30-18	55	55	52		+	Iti	10		
2	13	13		4.4. w.	3	13	30-14	4	55	54	-	4				
3				-1.1	3		80-14	5%	7 11	"		4		-	-	
4	-	13		4.9. w.	_		8011					,	"		-	
5	1			"	12		30.10						"		1	
6	1			"	"	-	"		51				"	1	-	
7	1			9	*		30.11			_		"	1	"		
8	1	1		old.	2		8072			-		"	"		-	
9		1		4,7,80,	"		30.4		_			te	"	"	-	
10				"	3				350			"	"	"	-	
11		1		"		-	"	5.	34	14	8	"	1		1	
Mi	1-			"	1	1	1	0	37	67	6	*		1	1	

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Communed and until 4 a.M. Clear and pleasant. Light bruge from I'd and Evel Riding to ebt. Iteam presence 25 lbe. Temp of bunkers 85°. Place water at 4 a.M.

and Evel- Riding to ett. Thean parent.

Signed) f. K. Coge well.

From 4 to 8 98. M. Clear Cool . Pleasant. Light P'y truye . Purming to flood at 7.50. At 7.50 Flagelish made general signal \$850. At 8 thirties guard flag. Franked fine moder six boiler. Distilling. Please present 25 lbs. Trusp of brusher 840.

Signed) Richard & Company Sint.

Trom 8 to Merid. Clear and pleasant. Light P.W. bruge. At 9.80 inspected at quarties, executed afterwards at torpedo deill. Expunde one execuse torpedo. Plack water at 9.85. Faring to ebt at 10. average steam feresence 27 lbe. Temp of bunker 68° Distilling entil 10-80.

(Tiqued) EVainwright Kellogg

From Muid to 4 9.20. Clear Pleasant . Light 9.80, breeze. Threw overboard 18 lbs of bread dust condumend by Goard of survey. Survey to flood at 2.80. Donage Steam pressure 25 lbs. Temp of hunkers 68. Oranked fine. Distilling.

From 4 to 8 T.M. Cliar and pleasant during first part, afterwards overcast and cloudy. Plack water at 5.15. Furning to est at 6. Light huye from 9th and Evel average Clean present 20th. Temp of humper 700.

From 8 to Midnight. Osucaet during first part, with light fall of sain. Riding to est. Plack water at 915. Forung to est. Blear and pleasant during latter part. Overage steam pressure 80 lbs. Temp of bumpers 88°.

Signed Wainwright Kellogg.

Figured Wainwright Kellogg.

Examined and found to be correct.

Acalvalker, Navigator.

LOG of the United States Steamer "Essey" god Rate, 6 Guns, Hampton Poacle Va.

						2 330			/					
		WINDS.			BAROME	TER.	TEN	CPERAT	THE			Pear I		
Hour.		Direction.	Ferce.	10.	Height in inches.	Ther.	Air Dry Bulb.	Alr	Water M serker.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	p of Clear , in 10ths.	State of the Sea.	Record of the suil the at end of
	Parls	Director		Leensy	inches.	att'd.	Bulb.	Bulb.	surface.			Sky.		
A. M.		~-0												
1		9.9.2.	3		8014	51	47	47		te	aicum	6		
2			1			50	"	46		*		4		
3			04		80.12	49	11	"		+	"	10		
4					11	"	45	44				"		
5		9			30.14	48		45			"			
6			12			47		48		to	*	8		
7			2	33	30.16	4		45		"	4	"		
8						48	47	47		"	4	11		
9		9.80.			8018	50	48	49			4	"	198	
10						52					4	7		
11					30.17	54	49	"				6	100	
Noon.			12		3018	55	54	52				4		
	THE RESERVE										-			
	Distance run by Log since pre-	eding Noon									knots	fath	oms.	
	Latitude by D. R. at Noon													
	Longitude by D. R. at Noon											,	"	
													"	
	Latitude by Observations at No											,	*	
	Longitude by Chronometer from													
	Current during the time				er, setting	to th	e					,		
	Variation of the Compass by A			Suni	rise									
	Variation of the Compass by A		iat									,		
	Water expended during the pre										218	ga	llons.	
	Water Conclused		ceding	g 24)	hours						55	0		
	Water remaining on hand fit for										219	00	66	
	Coal consumed during the prec	peding 24 hours								3	tous 36	0	Ibs.	
	Coal remaining on hand at No	00								108	" 1	0	*	
				-						-		1	T	
P. M.		Olale	100	1			-		1	,			100	
1		9.9.80.	1.2	1	30.10					fe	Cie Cum	7	13	
2				18	80.06	60	57	57			"	"	-	NEW P
3		"	2	100	30.02		55	34	1		"	11		2000
4			1	13	11	59					"	5	1	
5			2		30.00		52	58				4	1	
6			*		30.08	58	50	\$ 50	1			6	1	No.
7					80-06				1			2	100	
8					"			52			5	1	18	
9			28	9	8008	54	52	50	,		Cie Hin	42	1 40	
10		9!	12		80.07		51		7		4	7	1	
11		9.9.2.	3	_	30.0			10		1		10	,	
Mid		"	2.8				24	6 "		te	Cum	8	1	
-			-	1			-					-	-	
	Longitude by Chronometer i	rom Afternoon Obs	ervati	ons 6	9							,		La constitution of
	Longitude by Chronometer f				*									
	Variation of the Compass by	Amplitude ob	sorved	at S	unset							1		
												1	-	

inder the command of Commander Ev. Port Pelly Commender 15 th , U. S. Navy, , 18/6. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Tournences and sentil & a.M. Doucast Pleasant. Eight M 4 beige . Rack water at 1.30. Banked fine. average steam pressure 25 lbs. Temp of hunker 90°. Tigued Wainwright Kellogg. From 4 to 8 a. Ell. Overcast and cloudy. Fresh heeps from Et and Et tag Flag ship signaled 3550 at 7.30. Phip suring to the flood at 4 am. Than Juna 20 the Temp of bunker 66:

Signed) f. K. Cogswell. From 8 to Merid. Char. Bool. Pleasant. Light Wit huge. at 9:30 general Equation of the Quarter at 10:15. quarting. Gening ... 4. 10. 1 ... 9.15. 2.45. 9.10. 4.10. 9. D. 6.80. Providing.

1 st Div. 2:85.

gust 1-03. Jet Div. 5.45. 2 ucl . 4.10. P. D. 4.10. 2 nd " 1.20. 9. D. 8.80. 9.2. 2.23. Maeten. 445. Oug Div. 1.30. Oug Div. 2.30. Gug Dir. 4.50. Jugeous. Maetine. 6.80. Martine. 2.00. Martine. 145. Jugeon. 4.15. Oug Dir. 5 -Marine. 1.00. Marine. 1-00. Hack water at 11. Festiveted apprentise Froze of Section. Banked five small sit boilers. At 10 made summed y. Average steam presence 24 lbs. Temps of brukers 87°.

Dioned Richard P. Daventon (Tiqued) Richard J. Davenpent From Muid to 4 9.M. Clear and cool. Light St. G. Luye. During first part riding across windward est. At 2 suring to est. Hack water at 3.45. Ownage Steam pressure 25 the Temp of bunker 88? Tigend) Etain wight Kellogg. From 4 to 8 9:20. Clear, cool and pleasant Light 9. E bruge January la flord at 5.10. Communeral distilling at 5.80. Ban hed fine. Downage steam freezewer 22 lbr. Temps of bunkers 85. Citatilling.

(Tigruol) f. T. Pulliyan.

Then 8 1: 41:1: 1.1 fel. fel. 201 201 - 9905 tone. Brief. From 8 to Midnight. Clear Cold. Moderate 9.9.20. Freeze Freight starlight. Hack water at 10. Furning to ebt at 11. Banked fine under six boiler. Distitling. Temp of hunker 85°. Average steam pressure 28 the. (Tigued) Recliard J. Daverport. Examined and found to be correct. Asalvalker Navigator.

LOG	of of	the	United Sta	tes Su	am	u	,	Ċ	العار	ry H	" au	efston	Po	g.	ed	Rate, 6 Guns,
				WINDS.			BAROMI	TER.	TES	(PERAT	URE.			lear by		
Heur.	Knots.	Fathouse.	Courses steered.	Direction.	Force.	Leeray.	Height in inches.	Ther.	Air Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, is 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
A. M.				21-1			3000									
1				9.9.w.	1-2		80.06	51	47	47	3	te	Hint	3		
2					23		n						"			
3				9.80.	1-2			11		49		0	"	"		
4				Ev.	"		3000	"	48	48	1		"	0		
5				Ev. M. W.	23			52	49	51		oc	Cunkin	4"		
6				"	2		3012	51	48	"			"			
7				*	4		30-19	50	-	11		"		"		
8				"	"		80-21	51	50	11		"	"			
9					3		8025	#	48	48		te	"	1		
10				E1.EV.	11		8029	50	46	47		"	Vi	4		
11		1319			4		"		44	45			"	8		
Noon.	-			N.4W.	"		"	-11	43	45		"	"	9		

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		, "
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊚		. "
Longitude by Chronometer from Forencon Observations ©		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		
Variation of the Compass by Azimuth ⊙ observed at		
Water expended during the preceding 24 hours	2/8	gallons.
Water during the preceding 24 hours		16
Water remaining on hand fit for use at Noon	25	55"
Coal consumed during the preceding 24 hours	2 tons /2 /05 " /0	go lbs.
Coal remaining on hand at Noon	105 " 10	50 "

Р. М.					
1	H.6.41.	3	30-29 49 47 48	te	an Ben
2	the state of the s		80-2848" 47		
3	10,0,		80-29 " 44 44		,
4	6.491	4	" 584646	,	"
5	649	+	8026514343		
6	6.9.6.		. 484142		
7	9.9.80.		. 474041		
8	"		80.2746 - 40		
9	"		80-264589 "	"	
10	"	4	" 443899		
11	"	3	302448	,	
Mid.			" 42 " "	,	
DESCRIPTION OF THE PERSON NAMED IN COLUMN					THE RESIDENCE OF THE PARTY OF T

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

under the command of Commander W. Scott Schly Patienday December 16 th , U. S. Navy, , 1876. Communes and until 4 a.M. Clear and cold. Moderate P.W. heye . Gisting to est. average stram pressure so the Temps of bunkers 80? Distilling. (Tigued) Wain weight Kellogg. From 4 to 8 a.M. Clear and cool. Fresh 9. 20 4 wind. Furning to flood at 7.45. At 7.30 Flagelije made general signal 3850. average etiam pressure 31 les. Trump of bunkers 85°. Distribing water.

(Figure) f. T. Fellivan.

Trom 8 to Meriol. Clear and pleasant. Fresh breeze from Poland W. High water at 10.30. Steam pressure 30 lbs Trump of bunkers 80°. Tiqued J. K. Cogswell. overboard 12 the condument butter, eccapings and leavings. Peccived on board Augeone Elove tig. Chlorinated line 80 lbe. Pulphate of iron 25 lbe. Carbolic acid 5 lbe. Pulphur 1 lbe. Hitric acid 1/2 lbe. Ledges Disinfecting fluid 194. Toly order of Come of Officer the following peristements were inflicted. John Hallery (2.00) sollary confinement on head and water two days. Sant Griffin (B) For a seam two house from hammoche. Folm Fettit (0.9. 200) " " " folm Haelagan (6.9. 2 nd c) Tour night water anchor watch.

Jes W. Ham (B) Tour clays extra duty
f. T. Marker (B) Leven " "

folm Millmore (B) Toe a seam tur hour after hammoche.

folm T. Marker (B) " " one " "

Flint (P.M.) Cour level explicit a deare to the server of the following of the server of the ser From 4 to 8 T. H. Clear and cool, fresh H. C. I bruge. Plack water 480 - Turing to flood at 5 oclock. average steam pressure 25 lbe Temp of bunker 80. From 8 to Whiching ht - Clear and cold . Wind from It & and & thering in occasional square. Tide limed to est at 1145. Depend f. K. Cogewell. Acawalker, Navigator.

				1	5			"	1									
LOG	of of	the	UNITED STA	ATES JU	iau	nee		0	0 8	des	× "			J.	ed	Rate,	6 Guns,	
										+	ta	mplon	Q.	radi	4	Va.		
				WENDS.			BATIONE			PERAT		/	1	1			7	
Hear.	Knots.	Pathorna.	Courses steered.	Direction.	Feres.	Leeway.	Height in inches.	100				State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the	soil the vessel is under and of watch.	
A. M		1		01-														
1				9.w.	2.3		8024	48	38	88			None	10				
2	133			4.80.99.	"		"	4	87				"					
3				,	*		"	42	"	87			"	"				
4	18			-	34		80-20	1	38				"	0				
5				- "	11		80.08	73	39	40			0	9				
6					1,	-	20.10	1-	40	1.			Gum	"				
7	-			"	4	-	30-14	45	71	41			11					
8				W.9.8v.			00-14	44	44	46			,	10				
9				20.1.00.	01		2- 11	1/10	44	77			,	"				
10 H				81.421	34		80-16 80-18	50	40	46			"					
Noon.				w. / w.	0		00.10	52	"	48	-			4				
210011								0		-			-					
	Distan	oe run	by Log since pre	eeding Noon									knots	fisthe	oms.	12 - 6		
			D. R. at Noon												"			
			D. R. at Noon															
			Observations at N	oon ©														
				m Forenoon Observ	ations	0												
	Curren	et duri	ng the time	knots fu	ns. pe	r hou	r, setting	to the	8									
	Variat	ion of	the Compass by A	Amplitude ⊙ observ	ed at	Sunr	ise							,	"			
	Variat	ion of	the Compass by A	Azimuth © observed	at									,	"			
	Water	expen	ded during the pr	eceding 24 hours										gall gall				
	Water	10	ousleuces	during the proc	eding	24 h	OUR						78	0	-			
	Water	remai	ning on hand fit f	or use at Noon									21	90	-			
	Coal	onsum	ed during the pre	coding 24 hours								20	ous /5	60	Ibs.			
	Coal :	remaini	ing on hand at No	00								102	" 171	10	"			
																	,	
P. M.		-		0,12/0,			0		1	,			01	-				
1 2				W.H.&.	3	-	80.20	58	48				None	10				
3		100			2.8		90 22 90.24	54	37				N	1				
4		13			1				41				"					
5	13			2/2/6	2.5		30-25		50									
6	133			816481	4	1	30. 34	1	40									
7	1			N.G.	4.6		80.42			1		5.000		"				
8	100				4		80.49	1						"				
9	100	36		H.	45		80. 52											
10				N. 6.46.	"		80.55		21	1			"					
11	1	100		"	"		-	4	"				"		1			
Mi	1	100	43.167	. "	"		"	4			1							
-	-	diam'r.			-	-	-	-		-		-		1	-			
				rom Afternoon Obse	ervatio	ns O									-,"			
				rom Observations			*						Carlotte S	1	"			
	Van	iation	of the Compass by	Amplitude obs	crved	at Su	inset						-	-	-			

Communes and sentil 4 a. M. Clear Freezing Fresh & If bruge . Bright starlights. Varing to est at 12.45. Franked fire under six tribus. Distilling. average steam presence 25 lbs. Temp of bunker 66 - (Tigued) Richard 9. Daverports.

From 4 to 8 a.M. Clear Freezing. Fresh heeze from U. C. & M. Plack water at 5. Porug to flord at 6. Banked fine under six brain briles. Please pressur 25 the Temp of hunker 80°. At 8 hoisted quard flag. At 7.30 Flagelish suade general size each 3850. signal 3850-

Signed Wain wright Kellogg.

From 8 to Merial. Poercast. Cold. Light N. E. Plack water at 11-30. At 9.45 Come of Officer inspected at quartie. At 10 held device service. Average steam personne 25 lbs. Temp of bungers 82°. Bamped fire. Placed John 8. Maringers and John Hashagan (242mc) in double irone, full lation, for neglect of duty while on bag water.

(Tigued) J. T. Pullivan.

From Meriod to & T.M., Overcast and cloudy. Fight wind from Ma and to the High water at 12.30. Tent visiting party to "Harlford, five of whom fell over board while getting into toat from "Harlford; boom, life line parted.

(Tigued) f. K. Cogewell.

From 4 to 8 P.M. Obercast and cold. Light N. C. there. At 4-80
Flagship enade general signal 2985. at 4.50 communiced distitling.
Plack water at 6. Survey to flood at 7.15. Branked fire. amage steam
pursue 25 lbs. Temp of bunker 84.

(ignal) Richard J. Danuport.
Fint.

From 8 to Midnight. Cloudy and cold. Light M.C. If aire Fine fanted-under six boilers. average steam freesure 20 lbs. Temp of hunkers 85°. Distilling water. Riding to flood lide. Digued J. T. Pallivan.

Tigued J. T. Pallivan.

Acalvacker, Navigator.

Steamer Exty grade Rate, 6 Guns, Hamplion Roade Va.

										//	au	your	000	cou	0	a-
				WINDS.			BAROME	TER.	THE	SPERAT	CHE.			1 24		1
Hour.	Knots	4	Courses steered.		100	1						State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State of the	Record of the soil the wester
		Puthoma		Direction.	Force.	Leeway	Height in inches.	Ther.	Dry Bulb.	Wet Bolb	Water at surface.	by symbols.	symbols.	Prop o	Sea.	at end of watch.
		A				12			274000					42		-
A. M				4101				1								
1				M.H.Ev.	25		80.58	35	80	80		1	Cie Com	10		
2	100			H.4 W.	"		80.60					"	"			
3				H.4 6.			-		1			,	"	*		
	100			1.70.			80.62		18	28				0		
4	100			n.6.	5		30-G5	"	*	"	-	"		9		
5	18			n.G.TH.	45		80.68	32	20	26		te				
6							8.75	28	25	25	63	oc		"		
7							30.80	,	14	23						
8					34			80	7	70		"				
							-	00	-			,		-		
9					-			32	27	27		de		/		
10	100			*			"	34	29	38		"	*	3		
11		99		H.G.			80.78		"	29				1		
Noon.				81648			80.78		30	80		oc				
				10.0.00.			00/0		00	00						
	Distar	oe ru	n by Log since prec	eding Noon									knots	fath	oms.	
	Latitu	de by	D. R. at Noon											'	"	
	Longit	tude b	y D. R. at Noon												"	
	Latito	de by	Observations at No	on ©										,	11	
					- alam.	-								,		
			y Chronometer from													
	Curre	nt dur	ing the time	knots fin	ns. per	hou	r, setting	to th	8							
	Variat	ion of	the Compass by A	mplitude ⊖ observe	ed at	Sunri	ise								"	
	Variat	ion of	the Compass by Ar	rimuth @ observed	at										*	
	Water	exper	oded during the pre-	ceding 24 hours									218	000	lons.	
	Water		9	during the prec	dfm	011							210	Por		
					eung	24.0	ours			-						
	Water	rema	ining on hand fit fo	r use at Noon									219	0	4	
	Coal e	ODSED	ned during the prece	ding 24 hours								2 tx	16:	50	lbs.	
	Coal :	emair	ing on hand at Noo	n								100	. 6	50	11	
P. M.							1		100							,
-				000			-	-		-						
1				6.2.6.	1-2		30.76	35	33	82		oe	Cie Cum	0		
2				H.G. 6.			80.74	89	85	33				"		
3	100		The state of the s	6.2.6			80.70	40	40	36	20		"	4		
4				846	,		1		27	21		to				
5				20			2.00	1.0	9	07			p 6.			
6	10			H.G.	2		20.67	70	0			0	Cum Him	-		
	100			41011	3		80-66	-	35	'				,		
7	133			H.G.46.	2.8		"	42	,							
8					4		80.Cd			85						
9	100	1		81 H.C.			30.G2				1					
10	100	1	No. of the last	"			80.0		36			te				
11	1	1		"	"		2. 60		00		-	0	-			
Mid	-	1			1		00-58	-	0	36	-		-	"	-	
2010	-	1	-	"	4		80.56	"	3%			"	*	4		
-	-	No. of Concession, Name of Street, or other Persons, Name of Street, or other Persons, Name of Street, Name of	-	-	-	70	-				-		-	1707	-	
	Long	gitude	by Chronometer fro	an Afternoon Obser	rvation	16 8										
	Long	gitude	by Chronometer fro	on Observations			*						and of			
			of the Compass by		rved s	at Sur	nect							,		
	W	-47	11.0	-			-						-		7	

Communes and entil 4 a.M. Orneast and cold . Gentle bruge from Med and Wed. High water at 12.45. Them pressure 20 lbs. Temp of bunker 80:

Digues J. K. Cogswell.

From 4 to 8 a.M. Goncart. Gold. Disagnable. Light M.W. buye. at 5 a pluse fog set in, communed singing fog bell. Hack water at 5.30. Varing to flood at 6.30. Vleam in Lix boiline. average steam fulling 22 lbe Temp of butter 84. Distilling. Hauled down quard flag at 8.

(Signed) Richard J. Davuport.

From I to Meriod. Orecalt and foggy, with occasional knower of pain, light aire from It of and Wo afterwards Phifting to Pot and Wo afterwards Bunped sleip out during watch. I the and 5 the sections of tops universe instruction in seamonship, gumeny and signals. This siding to the flood. Average steam pressure 25th. Temp of bunper 82? Distitling in obustion. operation.

Signed Wainwright Kellogg.

From Merid to & B.M. Overcast and foggy during first part. Riding to flood. Plack water at 12.80. Faring to est at 110. at 2:30 fog lifted. Tolu Halling (2 C 8) and J. V. Manon (2.C.B) and folin Hashagan (6.9.2 and c) www released from confinement. average steam persone 25 lbs. Fremp of bunger 82°. Stopped distilling at 3.20. Raining during latter part of watch.

Figured) J.T. Pullivan.

From I to & T.M. Orneast, rainy secony, cold . Fresh M.W. Leuze. Low water at 6.30. Young to flood at 7.30-

Liqued J. K. Cogewell.

From 8 to Midnight. Clear and freezing. Fresh breeze with heavy squalle from W.M.W. at 8 let go starboard anchor and seemed to 75 fattione on port chain. Prising to flood during watch. Franked fine sursu six snain boilers. Than pursue 22 lbs. Temp of hunker 85:

(Figures) Wain wright Kellogg.

Examined and found to be correct.

Acalvacker Navigator

	. 0	"£" . "		0.10l - C
LOG of the Uniter	STATES Illan	en "Essey"	, 0	See Rate, 6 Guns,
		A	amplon Goa	de Va.
	WINDS.	BAROMETER, TEMPERATU		34
Hour. Knots. of Courses at	pered. Direction. Force.	Height in Ther. Air Wet Bulb.	Water by symbols. Forms of Clouds, by symbols.	State of the Sea. Escord of the sail the vessed is under at end of watch.
		Balb. Balb.	urken.	See Done
A. M.	N.H.W. 01	2.12/1. 22 2/	our Mins	
1 2	N.N.W. 01	8048 41 37 34	our mus	0
3		3042 " "	4 4	,
4	" "	11 0 11 11	" "	и
5	W.W. 1	" " 95	" "	
6		80894085 "	of "	
7	- <	3086 39 " "	" "	
8		30.33 88 " "	" "	
9	01	30-36 39 " 36		"
10	" 0	30-26 40 50 38	ale :	
Neon.	9 49 81 0x	30.1942 3839	ofe.	
Noon	3,700	00.11 10 10	7	
Distance run by Log si	nce preceding Noon		knots	fathoms.
Latitude by D. R. at N				, ,
Longitude by D. R. at	Noon			
Latitude by Observation	ns at Noon ⊗			
Longitude by Chronom	eter from Forenoon Observations	0	•	, "
Current during the time		hour, setting to the		
	as by Amplitude © observed at	Sunrise		, ,
	ss by Azimuth ⊙ observed at			, ,
	the preceding 24 hours		7.0	gallons.
Water remaining on ha	ede of during the preceding	24 hours	255	
Coal consumed during			2 tons 14	
Coal remaining on han			87 " 2/4	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
			,/	
P. M.				
1	Ev. 1	80.09484038	of Hint	0
2	" /2	30.09484038	ofr "	
8	W.ys		or "	
4	" 2.5	80.08 - "	0 "	"
5	H.&r.482. 4	30-10 " " .	ors "	*
6 7	n.w.700.		059	*
8	H.H.Ev. 46	30-21 " 85 80	tog ai aum	9
9	" 3.7	30.824230 20	W W	7
10	" . "	30.35382626		,
11	4 4	30.36352525		
Mid.	" "	30.4080 2424	" "	"
	meter from Afternoon Observation	us ©		
	meter from Observations	*	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1 1
Variation of the Com		st Suneet		
Variation of the Com	pass by at			

Communes and until 4 a. M. Clear and cold. Light H.W. & air. Pung to starboard, to ett, at 1.80. Clear hower. Fine banked. average steam ferrenne 20 lbs - Temps of bunker 12°.

(Tigued) f. T. Pullivay.

From 4 to 8 a. M. Clear and cold. Fight bruge from & landing to I'd fow water at 7. Hove up star toard anchon and hove in one fent cleain to 60 fathorns. Received fresh provisions for cur. Hoisted quard frag at 8. Please feedene 20 lbs. Temps of bunkers 74. Ges W. Ham (R.C. B.) ran from toat while ashow one duty. at 7.30 Flagship made general signal \$350.

Tiguest) J. K. Cogewell.

From 8 to Meriol. Clear and freezing. Fresh 4.9.W. breeze. Gisting across lide sculit 9 Evolun suring to Stood. at 9.80 mustind at quarties. at 9.50 Tragelish made general signal 1087. average steam pressure 23 lbs. Temp of bumbers 85°. Plack water at 11. Suring to elt at 12.

(Signed) Richard 9 . Comport.

"Flow Muist to 4 P.M. Clear and cold. Fresh 9.80. freeze - at I "Ply would " Event along side of "Montant", afterwarde cast off and auchoust. average steam fullence 2/the Temp of bunker 40° Piding to ebb. Ranked fine.

(Figured) Wainweight Kellogg.

From 4 to 8 9. M. Clear and cool, light buye from I and Wid-Dinger in hanling out lost sudden and boat hook. Flagship made general signal 2985, afterwarde 2984. Plack water at 6.30. average estiam foreseure 22 lbs. Temp of bunkers 88° Distitling.

From 8 to Midnight. Clear Cold Pleasant. Light Wit buye. Bright elarlight. Moon sat at 820. Riding across lide until 10 Evlus suring to flood. Banked fine emolu six boiled. Distilling. Average steam formen 25 lk. Temp of bunker 85: Digued) Richard J. Davenport. Rimt.

Examined and found to be correct.

AsaWalker, Lint Navigator

	()	-	-					
LOG of the Unit	TED STATES TEA	mee	1	Ded	ev"		i	gio	Rate, 6 Guns,
					1	amplou	Poa	de l	Va.
	WENDS.		BAROMETER		MPERATU	THE.			
Hour. Knots. g Course	sos stoered. Directica. Fe	Leeway.	Height in Inches. It	her. Air Dry Bulb.	Alr Wet Bulb.	Water at surface.	Forms of Chouds, by symbols.	Prop. of Clear Sky, in 10ths.	Meourd of the suil the vessel is under the at end of which.
А. М.									
1	N.W. 3	9	80.492,	9 45	26	6		10	
2	-		30-40 "	" 16				"	
3		10 000	80.42 "		4			"	
4	A STATE OF THE PARTY OF THE PAR		8040	" "	"			4	
5	16,16,00.	* 6	30.44	9 "	22			"	
6	7.00,		36.48	" 24				4	
7	*	*	0 -	" "	"	1		"	
8	1,1,00		80.50		"				
9		4	. 3:		28	#		-	
10	ale to	" "	" 3.		10	"		4	
None.	9.20.79		80-49 8	5 80		4		"	
Noon.			10-77 0	104	00				
Water or may by Lo	Non Non							Callerin	
Latitude by D. R. at	g since preceding Noon						knots	fathoms.	
Latitude by D. R. at Longitude by D. R. a									
Longitude by D. R. I								, ,	
	cometer from Forenoon Observation	lone (i)						, ,	
Current during the ti			r, setting to t	the					
	mpass by Amplitude © observed							, .	
	mpass by Azimuth © observed at							, ,	
	ring the preceding 24 hours						21	gallons.	
Water	during the preced	ing 24 h	OFFICE				1		
	hand fit for use at Noon						250	55"	
	ing the preceding 24 hours					2	tons 80		
Coal remaining on he							" 136		
						/			
P. M.									
1	W.4 9. 3	9	8040 4	086	34	te		10	
2	20.9.80		" 4:	1889	86	"		"	
3	9.20.7 20.		80-864			"			
4		"	11 A	" 40	38	"	1	"	
5	Ev.9.2v. 1	2	30884	-		6×		"	
6.	,",	"	" 4	18 83	837			"	
7	9.20.4 W.		80.484	7	86	"			
8			8044	9 11	"	1		1	
9		"	"	11 11		"		4	
10	a,	*	-	" 37		*		"	
11 Mu			80-45	" 86	"	*		1	
Mid.	U.St.&.	"	30.46	*	"				
Langitude by Chr	A AA Ohom							, ,	
	onometer from Afternoon Observa onometer from Observations	tions						, "	
		ved at Sun						, ,	
	ompan of maphinate	Du an ou	1						

Asawalker, Navigator.

Mid.

					5)			"	0			,,		0	est			
LOG	of t	the l	UNITED STA	TES	Ju	eau	nee	*	1	0	ex.	Ha	" ruptor	e R	Joan	".	Rate,	6	Guns,
		T		WEN	16.			BAROME			PERATU								
Hour. 1	Cnots	Fathoma.	Courses steered.	Direction		Force.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the a	nil the vose of of watch.	l is under
A. M.				9.	0								,						
1				n.	0.	34		8040					te	Ci Cum	9				
2	1	1		"		"		80.52			85		"	"		-			
3		-		"		4.6		8046			30	-	"	"	"	4			
4	-	4				"		80.50			"			"	"	1			
5				"		4		17	34	*		100	*	"	"	24			
6	-			*		3		0	33				*	11	,	2			
7						N		2055			4	1	1	1	4	-			
8	-			011.	,	*		- #	85	v .	"		"						
9				21.4		*		8060	_		31		7	-	10		-		
10				N.G.	TI.	*		3060					"		"				
11	4			"	0			11		32	34		"	"	"				
Noon.	4	-		21.4	6.	,		8062		"	84			*	*				
	1										-					-	1		
D	Sistan	oo run	by Log since prec	eding Noon										knots	fath	oms.			
			D. R. at Noon												,	".			
			D. R. at Noon													*			
			Observations at No	oop ©															
			Chronometer from		Obects	estions	0								,	N			
			ng the time	knots				r, setting	to th	0									
			the Compass by A												,				
			the Compass by A				Ulain.								,	"			
			ded during the pre			-								218	mi	lons.			
		_	educed	during th		Nan	011							78	0	Unite			
					-00	COUNTRY	29.1	nours						1,19	1				
			ning on hand fit fo										,	1/6	11	Ibs.	707730		
			ed during the prec		III8								93	u 19:	40	IDS.			
	loal n	emaini	ng on hand at No	OCA									10	" //	10		1		
2 M	T			10000									THE STATE OF THE S		1		755000		
P. M.				2/		. 0		0.	1	00			1	0/	-				
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2	1					"	-			84	_	7	te	1	0				
3						"	-	80.58				-	"		5		100000		
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5				9/4	, ,		1	80-51	-	-		-		ai the		-			
6_				01	0.	-	-	80.5		88	-		0	ann He					
7	-			n.	0.		1	80.5.	1.	01		-	"	"	111				
8	10 Kg	-		"		"	-	80.5		34	-	-		1	4	-			
9		-		0/1	01	23	-	80.40	609		-	-	"	Hient		-			
10	-	-		n	.w.	0	1	30-4	5 "	82	-	-	"	"	"	-			
11	100	100			,	N		80.49	4 ^	1			"	-	4				

Longitude by Chronometer from Afternoon Observations ⊗		,	"
Longitude by Chronometer from Observations *		,	
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Compass by		,	*

Commences and Entil & a.M. Overact. Cool. Light W.W. beege. Com Sint Alan presence 25 lbe Temp of bunkers 88° Digued) Richard J. Davenport.

From 4 to 8 a.M. Overcast, cold. Light N.W. buye. Porung to est during watch. Anch water at 745. at 6:30 & 9.9. Plymouth got underway and stood sep the Roads towards Horfolk. at 7:30 brought to on part chain and live in to 30 fathouse. At 8 horistist quard flag. Heam in live boiler. Therene 25 lbs. Temp of hunker 70 ? Hagelije made

general signal \$8.50 at 7.80.

Figured Wainweight Kellogg-

From 8 to Merid. Overcast and cloudy, light aire from Wo, changing to 9d and We. This suring to the flord at 9 all. Received outoard overcoale for elipe company. at 10:05 called all hands up anchor, manued face and hove port anchor up to the cat head, (clear anchor) At 1120 let go port anchor. The fifteen fathorn eleacher breaking in the crown eve lost the port anchor and fifteen fathome of chain. Let go Clairboard anchor immediately. Bearings at anchorage, Old Toint Light M. E/RM. Pipe Pape 6.4 9.1/2 9. Made all preparation for sweeping for anchor. at 1/45 made the following telegraphic signale to Flagslip. 54 GV. 4978. 0888. 9409- 8181-7277. 6776. 4308. GO22. 2548. 5468-6179.4578.401-9279.945.4045. 8978. 629. 0771-026-7277-0970. 2888. 0985. 9092.4204- GOZZ. 945-G861. (Tigued) f. T. Pullivan.

From Minist to 4 9: M. Orneast first part. Groung is for est lide. in sweeping for port anchor and chain. At 3.15 sweng to est lide. At 345 got hold of starboard anchor and hoisted it up. Average steam freezene 80lbe. Temps of brukers 76. (Signed) f.K. Cogeness. Limb.

From 4 to 8 9.M. Clear and pleasant. Zight M. C. ain. Ellile deagging for fort anchon grappled starboard anchor, how it in sight and let go. at 4.80 Flagelish made general signal 2985. Wind Christed during latter part to 4.4 E. This siding to the est. Than pressure 22 los. Temp of bunken 76: Distilling in operation.

From 8 to Midnight. Hazy and saw, cold weather Light 6 th air. Iwoung to flood at 9.30. Distitling water. Average steam fureure 25 the. Temp of bunker 76.

Examined and sound to be correct.

Signed) f. T. Sullivan Lint. Savigator.

-	7													_	
	WENDS. BARROWSTER. TEMPERATURE. State of the Porms of U.S. State														
Hour	Knots g	Courses steered.	-	P	100	Height to	There	Air	Me	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	a of Clear	State of the	Record of the sail the reusel is under at end of watch.
	Patho		Direction.	Force.	Lorenz	Height in inches.	att'd.	Air Dry Bulk	Wet Bulb.	Water at surface.	oy dymotos.	symbols.	Prop.		
1	100			70											
A. M	-		910-	0			1								
1	130		W.w.	3	-	80.40	38	84	88		0	Cum Him	10		
2			"	"		80-42	87	38	11		"	"			
3			"			80.40		11	11			"	4	100	
4	100		"	#		80.88		11	11		11	"	4		
5			"		35	1000			11		1				
100				-		80.86		-	-		te	Cu Cum Ho			
6			*	1	-	30-34		84	84	-	"	11	8		
7		110000000000000000000000000000000000000	"	1		80.80		4	"		"	4	3		
8			"	11		80.28	"	85	85		"		"		
9			W.	4		80.28	30	40	87		"	Cie Cum	1		
10			"	01		80.27		40	ev	3	oc	a section			
1		1000000	doler	,				4	4.		"		0		
11			7.7.00.			80-24		_	40	-		-	11	-	
Noon	-		"	4		30-22	43	45	41		"	"	1		
-										-		-	-	-	
	Distance r	un by Log since pre-	oms.												
		y D. R. at Noon													
		by D. R. at Noon	-												
	Latitude b	y Observations at No	*												
	Longitude	by Chronometer from	"												
	Current de	uring the time													
	Variation	of the Compass by A													
		of the Compass by A													
			lons.												
	Water exp	ended during the pre													
	Water		during the prec	eding	24 h	ours								-	
	Water res	naining on hand fit fo	or use at Noon									219	20		
	Coal cons	amed during the prec	oeding 24 hours								te	ms 201	00	lbs.	
		ining on hand at No									94	4 2/8	6	44	
	-										12	410			
-											1				
P. M		-	1			-	-	-		-		-		-	
1	1	10000000	9.w.	1		80.18		44	12		te	Cru	1		
2	100		Calm	0		80-16			48				5		
3			"	"		H	47					cie	9		
4	10	1	M.E.	,	111	8015	-		46	331		Cielun			
5			12.0	1	-			16	16			ce tun			
3 75	1		p"		-	80-14	4/	44	73	-		-	G	-	
6	100	- Hank	Calm	0	-	4		43	42	-	,	"	1	-	
7	1		4.6.46.	01		"		41	40	-	bem	"	6	-	
8			"	"		8016	#	40	4			"	1		
9	100		Calm	0		"	46		11			41	4		
10			E.	1	1	"	10				4		8		
11			· .	"		"			4		"	"	4		
					-	1	45	-		-					
Mic	1	-	"	"	100	"	"	*	"	-	*	"	4	-	
	Longitud	le by Chronometer fr	om Afternoon Obser	rvatio	ns Ø										
	Longitus	le by Chronometer fr	om Observations			*						W-100		*	
		n of the Compass by		aved :	at Su	nset							,	"	
		1 01	1		-									000	

aire ard sutil 4 a.m. Weather cloudy and cook - Sight Signing to the Ebb. Brigned J. K. Cogswell Lieut. From 4 to 8 a.M. Overgast, Rainy Cold. Disagreeable-Thick. Light & & Cof breeze. Mil. clouds. Branked fires two boilers. Distilling. Ledip. of coal brukers of Steam porsesure Julbs. Riching to Elle. At 8 hauled durn quand (Ligned) Rohard & Dauguport Sym the Merid. Ourreast rainy. Light breeze from Stand Stand Stand Richt of Start water at 8.43 Suring to Stood at 9. 50. Org recied to 60 fathous Startsand Ochain aurrage steam pressure 27 lbs. Lemp of brukers 14_ Distilling Signed Waininght Ellogg Som Merid to 4 P. M. Overcast and rainy . Light S. E. bruge. Or 1230 stopped distilling at 115 Flag-Phip made general lignal 1085. At 2 "Ranger" house in leight and camel to ancher at 230 Ot 330 Ponta 35 lbs. Temp. of brukers 686 (Signed John Tullivan Lieut. From 4 to 8 P.M. Overcast foggy, raining Light aire from Wol Risling to ett. At 5.20 "Pinta" came to anchor. At 5.20 County Officer left ships on leave of absence. Plack water at 7.30. aveage steam pressure 25 th. Tempe of bun per 68? (Tigues) J. K. Cogewell. From & to Midnight Overcast, foggy first live house of water, clear live latter house at 11 start vater. at 11.15 houng deling watch 28 lk . Tunk of butter 83. (Tigared) Wainwrightellogg

Examined and found to be correct.

AcaWalker, Navigator

Steamer Essey" 5.00 Rate, 6 Guns,

Bour. Knots. Bull. Courses steered. Direction. Force. Bull. Height in Ther. Dry West as inches. Bull. Bull. Bull. Bull. Bull. Bull. Bull. 2	Prop of Clear Sky, in 10ths.	
8 01 3M6 43 40 38 b.c. Cir	mbola.	State of the Sea.
1 80/6 43 40 38 b. c. Civ	20	
1 244- 1 24	Sh. 3	
Al A	1 4	4
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3019	11 11	
5 2 3012 " 40 0 m. Mis		
6 1 2010 1 41 41 1	4 +	
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8 2013 4 45 4	0 1	
6.8. 8. 2002 46 44 " " " " " " " " " " " " " " " " "	. ,	
1012 1000 100 100 100	1 1	
11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	B A	
n. 12989 48 × 143 4	4 4	
Distance run by Log since preceding Noon knots	s fet	thoms.
Latitude by D. R. at Noon		"
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊗		"
Longitude by Chronometer from Forencon Observations ⊗		"
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊗ observed at Sunrise	. ,	*
Variation of the Compass by Azimuth ⊙ observed at	010	M
Water expended during the preceding 24 hours	7/8 g	allons
Andersed 4	20	ii.
Water CM Clause during the preceding 24 hours	31	
Water remaining on hand fit for use at Noon 2/9	160	"
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours tons	160	lbs
Water remaining on hand fit for use at Noon	160	
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ "	2020	lbe
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon M. M.	160 2020	lbe
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. Coal 1 4 298447 43 43 6 cr. Management of the second of the seco	2020	lbe "
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon M. S. S. 1 4 298447 43 43 0 5. M. 2 2980 1 44444 0.7. 1 2 298848 1 45 1	2020 uich. 0	lbs «
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. 6 1 4 298447 4343 0 9. 1 1 2989 1 44444 0 9. 1 1 1 2989 1 44444 0 9. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2020	lbs «
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. 6	2020	lbs «
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. Coal remaining on hand at Noon 9/ " 2480 " 4444 0 7.7. 12 2480 " 4640 0 7.7. 12 2479 " 4444 0 7.7. 13 1	2020	lbe "
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. S. 1 4 2984447 43 43 0 cr. Market 1.2 2980 " 44444 0 cr. 1.2 2980 " 45 44 0 cr. 1.2 2980 " 45 4	2020	lbe "
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 9/ " S. S. Coal remaining on hand at Noon 9/ " S. S. Coal remaining on hand at Noon 9/ " 2989 " 4344 0 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	2020	lbe "
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon M. S. S. G. 4 298447 4343 89. W. 2988 4 4444 8. S. S. G. 3 2976 4 4046 0. J. 4 2979 4 4444 0. J. 8 9 9 9 9 8 8 9 9 9 9 9 9 9 9 9 9 9 9	2020	lbe "
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon M. S. S. Coal remaining on hand at Noon 9/ " M. S. S. Coal remaining on hand at Noon 9/ " 2989 " 4344 " 279 " 4544 " 297 " 4544 " 4544 " 297 " 4544 " 297 " 297 " 4544 " 297 " 29	2020	lbe

Variation of the Compass by Amplitude observed at Sunset

Communes and smile & a.M. Partly cloudy Eventure, and cool. Light M.W. 4 buys. Puring to the est lide at 12.88. Average steam pressure 30 the. Temp of bunker 10:

Signed f. T. Pallion.

From 4 to 8 a. M. Weather cloudy and cool. Moduate breeze from M. and W. Quoding to the ebt. at 7.80 the Pangu got underway and left for Morfolk. Flagship Rigualed 3850 at 7.80. Draw pressure 28th. Temp of humper 80'. Peccived field provisions for crew-

at 9.45. amage steam peresure 20th. Temp of hunger 1/40

(Liqued) & 1. Danuparto

Those Meriod to 4 9.M. Clear cool and pleasant. Light huye from H. & Phip riding to the flood. At 1.20 Chief Engineer T. a. Pearick and T.a. Taymanter I.D. Hurtburt left the ship on five days leave of absence, Limb R. J. Daverport left the ship on seven days leave of assence. Hack water at 3.30. average steam pressure 25 lbs. Temp of bushes 81. At 3.30 Flagship made general signal 2984, Piped down wach clother.

(Tigued) Wainwright Kellogg

Thom I to I P.M. Oreicast cool and pleasant. Light H. they. at 4:50 swring to ett. Banked fine. Average stram present 22 lbe. Truck of bruker 85? Distribing.

Thom I to Midnight. Weather cloudy and cool. Moderate M. huy. I have I the food at 1040. Itam present 30 lbe. Temp of bunker 7 6.9.

Signed J. K. Cogewell.

Examined and found to be correct.

Asalvalker, Lunt.

LOG of the United States Steamer Essay

Sin Rate, 6 Guns,

July	U	24
Hamplon (Poade	Va.

									-	-		1		1	-	-	
	1		1		WINDS.			BAROME	THE.	THE	PERAT	THE.					
Slave	Kno			Courses steeped.			3			-		-	State of the Weather,	Forms of Clouds, by symbols.	of Clear	State of the Sea.	Record of the soil the vessel is
near	And	Pathons		Courses somewa.	Direction.	Force.	Leemay	Height in inches.	Ther.	Dry	Wet	Water at surface.	by symbols.	symbols.	Prop of Sky, in	Sea.	at end of watch.
		6				-	7			British.	Dur.	et/tion.			20		
A. A	1																
1			1		W.	f		29.82	45	48	43		te	Cum Him	18		
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777		100			0121			100	- "	4.	,	100		"			
3	10	100	+		11.w.	"		14.80	~	74	41				1	-	
4	-	-	7		*/2/.			19.94	"	H				"	1		
5		13	1		M.M.W.			29.94	39	37	36	300	*	"	N		
6		100			N.			30.16		39	38		"	"	2		
7	10	13				*		80.16	40	38	36		*	"	3		
8	100	10	Ť			34		30.18			38		"	"	1	500	
			1			17		00.10		1	00		"	"	,		
9	100	-	+				-	1	-	4							
10	100	10	1					3024	*	11			"	"	"	100	
11		13	1							R	11		"	*	*		
Noos			1			"				"	4		4	#			
			1			779											
	Dist	ance :	run	by Log since prec	eding Noon									knots	fath	oms.	
	Latit	tade l	y .	D. R. at Noon												"	
	Long	gitude	by	D. R. at Noon												"	
	Latit	ude b	TT (Observations at No	од 🖯										,	*	
						etlan									,	"	
					n Forenoon Observ												
	Curr	ent d	uri	ng the time	knots fir	ns. pe	r hou	ir, setting	to th	e							
	Vari	ation	of	the Compass by A	mplitude @ observ	ed at	Sunr	rise							,	N	
	Vari	ation	of	the Compass by A	zimuth @ observed	at									,		
	Wat	er ex	DED	ded during the pre	ceding 24 hours									217	y gral	lons.	
	Wat				during the prec	ntino	94 1	homms						1			
						-		rome									
				ning on hand fit fo										219	0	-	
				ed during the proc										ous 220	00	lbs.	
	Coal	rem	sini	ing on hand at Noo	on								90	- 200	60	46	
-													-			-	
P. M	I.	1	1					5000								33	
1		13	1		9/	,		200.	1.0	1	1		1		0	100	
-		1	1		n.	1		3880	78	70	40	-	te	Ci Cum	/		
2	-	10	+		"	4	-	"	44	41	4		-	"	7		
3	-	-	4	1		,	200	"	11	40	89			11	5	2	
4			3					8085	111	39			"		8		
5					9/8/6			30.86	-	1	38		0	Cum His	10		
6			1		9/			Barlo	44	,	"	100	4		1		
7	-		1		v.	1.1		0001	70						,		
			-		- "	1.3	-	111	All	1	89			1		1	
8		40				11	-	"	1	40	"	100	"		1	-	
1					11.6.	3	130	80.48	41	11			0 84			198	St 15 10 10 10 10 10 10 10 10 10 10 10 10 10
10					"	-	100		N	37			"				
1						4			4,	1	86		"				
Mi	d.			T. 1777777	"	"	1	"	10		1	1				1	
	1	1				-	1	1	-	F	1	-		-	1	1	
						-			-		-	-					
					om Afternoon Obse	rvatio	one O							-		*	
	L	agitu	do	by Chronometer fr	on Observations			*						144600		*	
	V	ariati	on a	of the Compass by	Amplitude obse	rved	at Su	unset							,		
	V	cristic	00.0	of the Compass by		at									,		
																	THE RESERVE TO SERVE

, U. S. Navy,

Commences and sulit 4 a.M. Poucast, cool. Fresh huze from M.W. Turning! to flood during watch. Them in two biles. Ownage steam pressure 80 lbs. Timp of burber 76 ? Districting. (Liqued) Wainwright Kellogg.

From 4 to 8 a.M. Overcast. Wind moderate from Hod average steam 25 the Tunto of bunfers 70° Distilling. at 7.80 Hag ship made general signal 8350.

Firm Wheriof to 4 P.M. Overcast and color, Survey. Moduate heep from W. Sint.

Then Meriod to 4 P.M. Overcast and color, Swory. Moduate heep from M.M.C.

Gisling to flood. average than presence 25 the Temp of Superior of Survey.

Tipped distitling at 12.30.

Gigued Wainwright Kellogg.

From 4 to 8 9.M. Overcast and cold, with light snow-fall. Moduate buye from Ha and 6. Hack water at 5-15. Turing to est at 7. average steam 22 the Temps of hunger 70°-

Finn 8 to Midnight. Overcast, Luswing. Fresh M. C. keys. Twinging to ett oluring watch. Iteam in two briling. Average steam freezene 80 lbs. Temp of Sunfer 70°- Signid Wainwright Kellogg.

Acallacker Lient.

LOG of the United States France Essey" See Rate, 6 Guns, Hamplion Grade Va.

					10000000									
	THE RESERVE TO SERVE THE PARTY OF THE PARTY	WINDS.			BARCOLE	770		(PERAT	***					
					-	-	100	-	-	State of the	Forms of Clouds, by	of Clear in 10ths.	State	Record of the sail the vessel is under
Hour	Knots. S Courses steered.	Direction.	Feres.	1	Height in inches.	Ther.	Air Dry Bulb.	Mr	Water at scritos.	Weather, by symbols.	Clouds, by symbols.	Fe	of the Sea.	at end of watch.
	Patho	- London	-	Leeung	inches.	att'd.	Bul.	Bulb.	errises.			Prop Sley,		
177					1000	-	77			100 CO. 100 CO		-		
A. M									100					
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9		4	"	C	30.58	38	"	84		oc	Cum Min	6"		
10					80.55					,	"			
11		01818					0.	0.		,	"	,		
11		M.M.O.		-	80.54							-		
Noon		H.40.	4	1	"	36	81	31	100		"	*		
	Distance run by Log since pre-	ceding Noon									knots	fath	ome.	
	Latitude by D. R. at Noon											,		
	Longitude by D. R. at Noon											1	"	
	Latitude by Observations at No	oom ©												
												,		
	Longitude by Chronometer from	m Forenoon Observ	ations	0										
	Current during the time	knots fi	ns. per	r hour,	, setting	to the	0							
	Variation of the Compass by A	meditude @ observ	nd at	Same										
				Dame of										
	Variation of the Compass by A	zimnth @ observed	-4										10	
	variation of the company by 21	Dimension O Copies FOG	200											
	Water expended during the pre		200								217			
	Water expended during the pre	sceding 24 hours		011							217	gall		
	Water Conclused	during the prec		24 ho	ours						780	gall		
	Water expended during the pre	during the prec		24 ho	ours						780	gall		
	Water expended during the pre- Water Corcolence of Water remaining on hand fit for	during the pre- or use at Noon		24 ho	ours					2 1	730	gall	lons.	
	Water expended during the pro- Water Goudenced Water remaining on hand fit for Coal consumed during the prec	during the precor use at Noon		24 ho	ours					3."	730	gall	lons.	
	Water expended during the pre- Water Corcolence of Water remaining on hand fit for	during the precor use at Noon		24 ho	ours					38"	780	gall	lons.	
	Water expended during the pro- Water Goudenced Water remaining on hand fit for Coal consumed during the prec	during the precor use at Noon		24 ho	otirs					3	730	gall	lons.	
P. M	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon		24 ho	ours					38"	730	gall	lons.	
Р. М	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon coding 24 hours	eding							38"	730 219 1000 1204	gall o	lons.	
P. M	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon coding 24 hours	eding			86	81	31		3	730	gall o	lons.	
-	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon	oding 34		80.58		81	31			730 219 1204 204	0000	lons.	
1 2	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon coding 24 hours	eding		30·58 80·52	"		H		03	730	o o o o o	lons.	
1 2 3	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon coding 24 hours	oding 34		80.58 80.52	"		80		03	730 219 1204 204	0000	lons.	
1 2	Water expended during the pre- Water Concoluse of Water remaining on hand fit for Coal consumed during the pre- Coal remaining on hand at No	during the precor use at Noon coding 24 hours	oding 34		30·58 80·52	"		80		03	730 219 1204 204	o o o o o	lons.	
1 2 3	Water Concolused Water Concolused Water remaining on hand fit for Coal consumed during the prec Coal remaining on hand at No	during the precor use at Noon beding 24 hours on	34.		80.58 80.52 80.51			30		098	7 8 0 21 9 " 20 4 " 20 4 " Wint	gall 9	lons.	
1 2 3 4 5	Water Concolenced Water Concolenced Water remaining on hand fit for Coal consumed during the prec Coal remaining on hand at No	during the precor use at Noon beding 24 hours on	34. 4.		80.58 80.52 80.51			30 31 30		098	7 8 0 21 9 1008 2 1 20 4 Ninet	gall 0 0 0	lons.	
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1 2 3 4 5 6 7 8 9	Water Concolence of Water remaining on hand fit for Coal consumed during the prec Coal remaining on hand at No	during the preson on seding 24 hours on M.H.E.	34 · 4 · 34 · 2-8 · · ·		80.53 80.52 80.50 80.50 80.52 80.53 80.50	38		30 31 30 33		05.098.08	7 3 0 21 9 " 20 4 " 20 4 " Nimb	gall 0	lons.	
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1 2 3 4 5 6 7 8 9	Water Concolence of Water remaining on hand fit for Coal consumed during the prec Coal remaining on hand at No.	oceding 24 hours during the pres or use at Noon ocing 24 hours on M.H.E. M.G.H. M.G	34 . 4 . 34 . 2-8	ns Ø	80.58 80.52 80.50 80.50 80.52 80.52 80.50	38		30 31 30 33		05.098.08	7 3 0 21 9 " 20 4 " 20 4 " Nimb	gall 0	lbs.	
1 2 3 4 5 6 7 8 9	Water Concolence of Water Concolence of Water remaining on hand fit for Coal consumed during the prec Coal remaining on hand at No Longitude by Chronometer fr Longitude by Chronometer fr Variation of the Compass by	oceding 24 hours during the precor use at Noon ociting 24 hours on M. H. E. M. H. E. M. H. G. H. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M. M.	34 . 4 . 34 . 2-8		80.58 80.52 80.50 80.50 80.52 80.52 80.50	38		30 31 30 33		05.098.08	7 3 0 21 9 " 20 4 " 20 4 " Nimb	gall 0	lbs.	
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Commence and entit & a.M. Overcast and Surving . Brick wind from It and & and Enter of huntere 66. Thomas to flood at 12.80.

There & to & a.M. Weather thick, survey first part, lain and sheet in latter part. Flech Agreelle from H.E. Tiske timed to est at 680. Picking hlown lide and wind Steam pressure 25 the Temp of burker 72. Charman falling. (Tigend) J. R. Cogsall. From Y to Muid. Overcast, cold, rainy Treate being from It and Bil. Riding believe Evilous Soth Temp of temper 74?

(Figured) Wainewight Kellogg. From Muist to 4 P. Mb. Overcost cold and laing. Freele H. E. squalle. Tisle lunced to flood at 12. Riding between wind and tide average sleam foreum 80 ble. Temps of buttere 7 6°. Bellique. Link. From 4 to 6 9. M. Overcast, equally and sainy. Moderate here from Not and Ed, Mifling to Moderate & Flack water at 4.45.

This swinging to set at 6.

Digend) f. N. Cogswell. Trom 6 to 8 to 9.86. Overcast, cold rainy. Moderato keye from Whomb With Piding to est. Aurage steam presence to the Temp of bunker 70: Distitling.

Trom 8 to Midnight. Overcast and cold. Light W.W. 4 true. Piding to the est. Distitling. Average steam presence 27 th. Temp of hun pur 6. (Tigued) J.T. Tullwan.

Steamer Essey" & Rate, 6 Guns, Hampston Roads &a.

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								-		-	-		-		1	
				WINDS.	100		BAROME	TER.	TEX	(PERAT	URE.	State of the	Forms of	Page 1	State	
Hour.	Knots.		Courses steered.	Viscolina	Posses	10	Height in	Ther.	Me	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	of the Sea.	Record of the soil the vessel is under at end of watch.
		Patho		Direction.	Force.	Lormay	Height in inches.	att'd.	Dry Bulb.	Wet.	at surface.	9,90000	7,000	Prop.	-	
-							1		-	1						
A. M.									300							
1				01.6.	5-4		30.48	ac	2,	30		095	Himb			
	100			01.6.							700	90	"		100	
2	100			",		-	80.47			*			"	11	-	
3				N.E. 401.	4-5		3033	36	81	81		"	4	4	88	
4				Or. dr. E.			3046	84	21	80			4	"		
				01.01.0.	1							"	-	"		
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7				N. E. by E.	100		8042		32	*		098	"	#		
8				March &			3041	01					*	"	100	
				00.00.00.	"				00	26		4		-		
9				41	-		"	33	4			4		"		
10							*	89	35	34		4	"	*	136	
11								"				4		4	100	
11	-			-	-				8%						-	
Noon.					14			*		34	33	,	4			
-									200				-	-		
	TV		. h. Y	adian Van										Cal		
	Dista	nce ru	n by Log since pre-	ceding zvoon								,	knots	Inth	oms.	
	Latitu	de by	D. R. at Noon											1	**	
	Longi	tude b	y D. R. at Noon													
			Observations at No													
	Longi	tude b	y Chronometer from	m Forenoon Observ	rations	0								1	"	
	Curre	at dur	ing the time	knots fi	ns. per	r hon	r, setting	to the	0							
	Variat	tion of	f the Compass by A	Amplitude © observ	to her	Sone	inn							,		
						Dum	and .									
	Variat	tion of	the Compass by A	zimuth © observed	lat									,		
	Water	expe	nded during the pre	eceding 24 hours									217	gal	lons.	
	Water			during the prec	ceding	94 1	NOTES.						1			
					-camp	-										
			sining on hand fit fo										255	5		
	Coal	0001600	med during the prec	ording 24 hours								/ to	as 26	00	Ibs.	
	Coal	remair	ning on hand at No	on								87	178	0	44	
												'/	110			
	-					-								-		
P. M.	100															
1	100			21.46.	4.5		30-80	20	84	3,		000-	Mint	0		
2				,0,00,			00.00	01	0.2			0,0	nun			
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3	100			Min -			8028	"	4	32		"	*	*		
4		131		M. H. C.	4.5		8027				1		"			
5	1	130			100		30.04	201	1	84				4		
6	1	1		0/400	2.8	-	00.48	01				08.	-	700		
-	1	1		170	3	-	"			"		11	4		-	
7			85025	M.W.	"		8125		32	11		4	4			
8	1	B		4	"		"	4				or				
9		1	No. of Contract of	"	-		"		1	1	-	THE REAL PROPERTY.				
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Mid				"			30-25		4					*		
	1	1			1	1	00.5		1	1		7000	-			
											-				1	
	Lon	gitude	by Chronometer fr	rom Afternoon Obse	ervatio	ns ©								'	**	
	Lon	gitude	by Chronometer fr	rom Observations			*						1.5			
			of the Compass by		erved	at Su	mset							,		
			of the Compass by											,	-	
	110		or the compass by		at										-	
															-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 all. Weather or weat and cool. Light heere from It and 6 of Persung to the flood at 12-80. Than June 25 lb. Temp of hunkers 77 . Distilling . Signed f. K. Cogenel. From 4 to 8 a.M. Overcast, cool; light air , grandally hauled from W.C. to H.W. at 6.80 swring to lett. Heave in tur main boilers. avage steam freezene 25 lbe- Temp of hunterer 76: Distilling.

Digued Wain wright Hellogg. From I to Huist. Overcast and cool, light aire from H. H. W. Hack water at 1-80 - at 2.80 ships survey to the flood. arrange strame forsem 80 lbe. Temp of truckus 80°- Plophed distilling at 2.10. (Figures) f. K. Cogswell. Two 8 to Merid. Overcast and cool. Zight H.W. aire. Riding to est. That in live boilere. average steam fuckeur 27 lt. Temp of bunker 68. Distitling. From 4 to 6 9. M. Overcast and cool. Piding to flord. Light aire four H. H. W. Cleaning off during latter part. Figured) Wain wright fully Thom 6 to 8 F.M. Clear and pleasant. Light W. W. aire. Hack water at 6.80. Furning to ett at 7. Banked fine under lier toilere. average stiam furesher 25 lbe. Temp of tun put 85! From 8 to Elioluight. Weather cloudy and cool. Calm. Picting li the est. Hidu pressur 27 the Temp of bunker 78. Bright noonlight. Signed J. K. Cogewell.

Examined and found to be correct.

Asalvalker Navigator

LOG of the United States Steamer Essey" I "Rate, G Guns, Hamplon Roads Va.

			WINDS.												
						BATIOME	STEEL.	TES	(PERATI	CRE.			34		
Hour. Knots		Courses steered.	CONTRACTOR OF THE PARTY OF THE		6	-	100	11-	No.		State of the Weather,	Forms of Clouds, by symbols.	of Clear	State of the	Record of the soil the vessel is at end of watch.
	Pathon		Direction.	Ferce.	Leewa	Height in inches.	Ther.	Dry	Met Bulb.	Water	by symbols.	symbols.	Prop o	Sea.	at end of water
	6			-	7	1000		Dist.	Dur.	etrian.		10823	200		
. M.												1000			
			2/10	0		0	0.	01	0			P .			
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3	10					8021					"	4	"		
4						00 47	100	100							
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5				/		3022		*			0				
6	10 B		H.	"		"									
7			H.W.			"	"	4	4						
	12		v.w.											100	
8			41641	1	-		*		-	-		"		-	
9			W. K. W.	1		8024	87	86	85			4			
10	13						38					"	4		
11			9100							000	"		"		
			U.EU.		-	-	40	09	01	-			-	-	
ioon.			12.80.80.			*	41	85	4	-	"	•	*	1	
-							-		-	-	-	-			
Dist		by Log since prec	oding Noon									knots	64	oms.	
			eding avoor										Inth		
Latitu	ude by I	D. R. at Noon											-	**	
Longi	itude by	D. R. at Noon													
Latitu	ade by C	Observations at No	og 0										,		
400.00	stude by	Chronometer from	Forenoon Observ	ations	0								-	"	A STATE OF THE PARTY OF THE PAR
0	-						-								
		g the time	knots fi	ns. per	r hour	, setting	to the	D							
Curre	ent durin			-			to the						,		
Curre	ent durin	the Compass by A	mplitude © observ	ed at			to the	0							
Curre Varia Varia	ent durin ation of t	the Compass by A	mplitude @ observed	ed at			to the						,	,,	
Curre Varia Varia	ent durin ation of t	the Compass by A	mplitude @ observed	ed at			to the						,	,,	
Curre Varia Varia Water	ent durin stion of t stion of t er expend	the Compass by A the Compass by A ded during the pre-	mplitude ⊙ observed zimuth ⊙ observed ceding 24 hours	ed at	Sunri	ee	to th					- 717	gal	"lons.	
Curre Varia Varia Water Water	ent durin ation of t ation of t or expendent	the Compass by A the Compass by A ded during the pre- tructured	mplitude © observed zimuth © observed cedling 24 hours during the prec	ed at	Sunri	ee	to the					- 717	gal	"lons.	
Curre Varia Varia Water Water	ent durin ation of t ation of t er expende er C	the Compass by As the Compass by As ded during the pre- tructuated ning on hand fit for	mplitude © observed zimuth © observed cedling 24 hours during the prec r use at Noon	ed at	Sunri	ee	to the					- 717	gal	"lons.	
Curre Varia Varia Wates Wates Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed zimuth © observed ceding 24 hours during the precent use at Noon eding 24 hours	ed at	Sunri	ee	to the					- 17 780 255 255	gal	"lons.	
Curre Varia Varia Wates Wates Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass by As ded during the pre- tructuated ning on hand fit for	mplitude © observed zimuth © observed ceding 24 hours during the precent use at Noon eding 24 hours	ed at	Sunri	ee	to the					- 17 780 255 255	gal	"lons.	
Curre Varia Varia Wates Wates Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed zimuth © observed ceding 24 hours during the precent use at Noon eding 24 hours	ed at	Sunri	ee	to the				* "	- 17 780 255 255	gal	"lons.	
Curre Varia Varia Vate Wate Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed zimuth © observed ceding 24 hours during the precent use at Noon eding 24 hours	ed at	Sunri	8e	to the					- 17 780 255 255	gal	"lons.	
Curre Varia Varia Vate Wate Coal Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed coding 24 hours during the prec r use at Noon eding 24 hours	ed at	Sunri	ee ours					87	- 17 780 255 - 178 - X8	gal	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed zimuth © observed ceding 24 hours during the precent use at Noon eding 24 hours	ed at	Sunri	50-20	42	87	86			- 17 780 255 255	gal	"lons.	
Curre Varia Varia Vate Wate Coal Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed coding 24 hours during the prec r use at Noon eding 24 hours	ed at	Sunri	50-20	42	87	86		87	- 17 780 255 - 178 - X8	gal	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed coding 24 hours during the prec r use at Noon eding 24 hours	ed at at edding	Sunri	80.20 80.18	42	87 86	85		87 0c	217 780 255 258 258	gal s	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal 2	ent durin ation of t ation of t er expende er remain consume	the Compass by A the Compass by A ded during the pre- recolouse of ning on hand fit for ed during the preco	mplitude © observed coding 24 hours during the preceding 24 hours oding 24 hours of the coding 24 hours of the cod	od at at at	Sunri	80-20 80-18	42 41	87 897	35		87 oc	217 780 255 "X8	- gal	"lons.	
Corre Varia Varia Vate Wate Coal Coal 2 3 4	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and adding 24 hours and adding 24 hours	ed at at edding	Sunri	80.20 80.18	42 41 .	87 86 87 88	35 37 38		97 oc	217 780 255 258 258	gal .	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal 2	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours oding 24 hours of the coding 24 hours of the cod	od at at at	Sunri	80.20 80.18	42 41 .	87 86 87 88	35 37 38		87 oc	217 780 255 "X8	- gal	"lons.	
Curre Varia Varia Varia Water Water Coal Coal 2	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and with the coding 2	od at at ording	Sunri	80.20 80.18	42 41 42 42 42	37 36 37 38	35 37 38		87 oc	217 780 255 258 258 288	- gal	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal 2 3 4 5	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours eding 24 hours at Noon coding 24 hou	od at at ording	Sunri	80.20 80.18 80.24 80.24	42 41 . 42 .	87 86 87 88 87	35 37 38 86 "		87 oc "	217 780 255 128 "X8	- gal	"lons.	
Curre Varia Varia Vate Wate Coal Coal Coal 7	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours oding 24 hours of the coding 24 hours of the cod	od at at ording	Sunri	80.20 80.18 80.24 80.25 80.25	42 41 42 43	37 38 37 38 37 36	35 37 38 86 "		87 oc	217 780 255 128 "X8 Bunka	9	"lons.	
Curre Varia Varia Varia Wate Wate Coal Coal 1 2 3 4 5 6	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and the state of the state	od at at ording	Sunri	80.20 80.18 80.24 80.24	42 41 42 43	37 38 37 38 37 36	35 37 38 86 "		87 oc "	217 780 255 128 "X8	5 500	"lons.	
Corre Varia Varia Vate Wate Coal Coal Coal 7	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and the state of the state	od at at ording	Sunri	80.20 80.24 80.24 80.24 80.24	42 41 . 42	87 86 87 88 87 86 85	35 37 38 36 " "		87 oc "	217 780 255 128 "X8 Bunka	5 500	"lons.	
Corre Varia Varia Vate Wate Coal Coal Coal 7 M. 1 2 3 4 5 6 7 8	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours eding 24 hours at Noon coding 24 hou	od at at ording	Sunri	80.20 80.24 80.24 80.24 80.24	42 41 . 42 43	87 86 87 88 87 86 85	35 37 38 36 " "		87 oc " " tc	217 780 255 258 288 288 11 11	· sal	"lons.	
Corre Varia Varia Vate Wate Coal Coal Coal 1 2 3 4 5 6 7 8 9 10	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours during the preceding 24 hours and white the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours are coding 24 hours are coding 24 hours and the coding 24 hours are coding 2	od at at ording	Sunri	80.20 80.24 80.24 80.24 80.24	42 41 42	87 86 87 86 85 86 86 86 86 86	35 37 38 36 " " 35 34 "		87 oc " " tc	217 780 255 "X8 "X8 "M"		"lons.	
Corre Varia Varia Varia Vate Wate Coal Coal P. M. 1 2 3 4 5 6 7 8 9 10 11	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and the state of the state	od at at ording	Sunri	80.20 80.24 80.24 80.24 80.24	42 41 . 42 43	87 86 87 88 87 86 85	35 37 38 36 " "		87 oc " " tc	217 780 255 128 "X8 Bunka	· sal	"lons.	
Curre Varia Varia Vate Wate Coal Coal M. 1 2 3 4 5 6 7 8 9 10	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours during the preceding 24 hours and white the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours and the coding 24 hours are coding 24 hours are coding 24 hours are coding 24 hours and the coding 24 hours are coding 2	od at at ording	Sunri	80.20 80.24 80.24 80.24 80.24	42 41 42	87 86 87 86 85 86 86 86 86 86	35 37 38 36 " " 35 35		87 oc " " tc	217 780 255 "X8 "X8 "M"		"lons.	
Curre Varia Varia Vate Wate Wate Coal Coal Coal 1 2 3 4 5 6 7 8 9 10 11	ent durin ation of t ation of t er expende er remain consume	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours adding 24 hours and	od at at ording	Sunri	80.20 80.25 80.25 80.25 80.20	42 41 . 42	87 86 87 88 87 86 85 86 ""	35 37 38 36 " " 35 34 "		87 oc " " tc	217 780 255 128 "X8 "Eurota	· · · · · · · · · · · · · · · · · · ·	"lons.	
Curre Varia Varia Varia Vate Wate Coal Coal Coal 1 2 3 4 5 6 7 8 9 10 11 Mid.	ent durin ation of t ation of t er expend er G er remain consume	the Compass by Arche Compass by Arche Compass by Arche de during the preceding on hand fit for ed during the preceding on hand at Noong on han	mplitude © observed coding 24 hours during the precent use at Noon coding 24 hours at Noon coding 24 h	od at at ording	Sunria 24 ho	80.20 80.25 80.25 80.25 80.20	42 41 . 42	87 86 87 86 85 86 "	35 37 38 36 " " 35 35		87 oc " " tc	217 780 255 128 "X8 "Eurota	· · · · · · · · · · · · · · · · · · ·	"lons.	
Corre Varia Varia Varia Vate Wate Coal Coal 1 2 3 4 5 6 7 8 9 10 11 Mid.	ent durin ation of t ation of t er expend er remain consume remainin	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours and adding 24 hours	od at at ording	Sunria 24 ho	80.20 80.25 80.25 80.25 80.25	42 41 . 42	87 86 87 86 85 86 "	35 37 38 36 " " 35 35		87 oc " " tc	217 780 255 128 "X8 "Eurota	· · · · · · · · · · · · · · · · · · ·	lbs.	
Curre Varia Varia Varia Vate Wate Coal Coal Coal Loa Loa Loa	ent durin ation of t ation of t er expend er er emain consume remainin	the Compass by Arche Compass by Chronometer from the Chronometer from t	mplitude © observed coding 24 hours during the preceding 24 hours during the preceding 24 hours and the coding 24 hours and th	od at at ording	Sunria 24 ho	80.20 80.25 80.25 80.25 80.20	42 41 . 42	87 86 87 86 85 86 "	35 37 38 36 " " 35 35		87 oc " " tc	217 780 255 128 "X8 "Eurota	· · · · · · · · · · · · · · · · · · ·	lbs.	
Curre Varia Varia Varia Vate Wate Coal Coal Coal Loa Loa Loa	ent durin ation of t ation of t er expend er er emain consume remainin	the Compass by As the Compass	mplitude © observed coding 24 hours during the preceding 24 hours during the preceding 24 hours and the coding 24 hours and th	od at at ording	Sunria 24 ho	80.20 80.25 80.25 80.25 80.25	42 41 . 42	87 86 87 86 85 86 "	35 37 38 36 " " 35 35		87 oc " " tc	217 780 255 128 "X8 "Eurota	· · · · · · · · · · · · · · · · · · ·	lbs.	

under the command of Commander W. Ports Peliley Wednesday December 27 the , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commencee and nutil 4 a.M. Overcast cool. Light breeze from N. C. Morn act at one- Swang to flood at 1. Steam in two boilers. average prossure 30 lbs. Temp. of brakere 74. (Signed) Namwight Kellogg From 4 to 8 a. M. Cloudy and cool. Light Not airs. Black water at y. 30. aurrage steam foresture 30 lbs. Jemp. of brukers 75° Commander W. S. Schly returned from leave at 7.36 Flag ship made armeral stone 2500 at 7.36 Flag ship made general signal 3350. I Bulliyan From 8 to Merid. Overcast and cloudy during first part: afterward clear and pleasant. Light heigh from Me This Ading to the Ebb. Of to 30 inspected enw at apraiters. First and fifth section of boys, received instruction in reacueurs hip and gumney. Durrage steam porssure 30 lbs. Semp. of bunkers 75-0 (Signed Jet Cogswell Lieux

From Merid. to 4 P. M. Overcash cool. Light airs from N. - Riding to Ebb. Slack water at 15. Survey to flood at 230. avrage steam presure 24 lbs. Temp. of behaves 85.

Ann 4 to 6 P. M. Overcast and cool. Calm. Slack water at-5.20 - Enning to Ebb at 6. Sient. Condr. John Schmer left The ship at 5.15 on 5 days leave of absence I Inllivan

From 6to 8 P. M. Overcast and cloudy. Light and from Semp. of hunkers 832 (Signed J. M. Cogswill Signed J. M. Cogswill

From 8 to Midnight Misty Moonlight. Cool. Light airs from No Summaing to col! during watch. Steam on two boilers.
Dorrage Steam foresure solles! Semp of bruners 76 - Big hal Minumight Kellogg.

Examined and found to be correct.

AcalValker, Navigator.

LOG of the United States Stance Essy" ged Rate, 6 Guns, Hamplion Poacle Va.

											/			ore	· · · ·
			WINDS.	7778		BAROME		T				-		NO.	
	-	Courses steered.				BALLOGES	I I		IPERAT		State of the	Forms of	ef Clear	State of the	Record of the sail the vestel is under
Hour	Knots.	0	Direction.	Force.	Lormay	Height in inches.	Ther.	Air	Mir Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	10 de	Sea.	at end of watch.
		Patho			2		-	Bulb.	Bulb.	mdm.			Sp.		
A. M	L							100							
1			N.E.	3		3120	2/0	25	77		+	A. Our.			
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7				4		31.24	37	34	1,		4				
8				-		30.26	4		36				4		
9				4		31.28	40		34	160		Cir. au.	7		
10				14	100		14	-	1		-	Der, vine.	3		
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11				4		31,30	HH	.4	16		*	0.	5		
Noon	L					31.38	4	38	38	30		Cir.	7		
-					-						-		-		
	Distance	o run by Log since pre	seeding Noon									knots	fath	oms.	
		by D. R. at Noon											,		
													,		
		de by D. R. at Noon											,	,,	
		by Observations at N										•		-	
		de by Chronometer fro											'	"	
		during the time		-		r, setting	to the	e							
		n of the Compass by			Sunri	ise					The state of the s	•	,	"	
	Variatio	n of the Compass by A	Azimuth O observed	at									'	"	
	Water e	expended during the pr	ecceding 24 hours									214	gall	lons.	
	Water		during the pre	ceding	24 h	ours .						/			
	Water r	emaining on hand fit i	for use at Noon									2190			
	Coal coa	nsumed during the pre	oeding 24 hours								tı	000 2/	00	lbs.	
	Coal res	maining on hand at No	100								86	" 22	0	"	
						10000			133			,,			The second second
P. M	£.	15000000			1900		100	339	137			100000			
1	-	the state of the s								1000					
		STATE OF THE PARTY	NAW	1.2		71 18	1110	20	20		1.	a: B.	-	100	
			N. N. W.	1.7		31.28	44	39	38		t.c.	ai.am.			
2			N. N. W.	1.7		30.2	-	1	38		1.c.	ar. ann.	3		
2 3			N. N. 9V. N. by 9V. N. by 8.				-	39	38		te.	Pris. arm.			
2			N. N. W. N. by W. N. by 8. Calm	1.7		30.2	-	1	38		t.c.		3		
2 3			N. N. W. N. by W. N. by 8. Calm			30.2	-	1			te.		3		
3 4			N. N. W. N. by W. N. by E. Calm			30-94	-	1	38		te.		3 0 4		
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2 3 4 5 6 7			N. by W. N. by 8. Calm	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		30-99 30-99	-	1			b.c. (b.c.m.		30 " " 5 1		
2 3 4 5 6 6 7 8 8 9			N. by W. N. by 8. Calm	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		30-99 30-99	-	1			it .c.		30 4 45 12-		
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2 3 4 5 6 7 8 9			N. by W. N. by 8. Calm	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		30-99 30-99	* * * * * * * * * * * *	1	· · · · · · · · · · · · · · · · · · ·		it .c.		30 4 45 12-		
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Thursday December 28th under the command of , U. S. Navy, Communeel and Emili 4 a.M. Over cast and cool. Light W. E. 4 ain humen to the flood lide at 2.80. average steam pursue 30 the Temp of hinker 76. " Signed) f. T. Pullivan. Limb. From 4 to 8 a.M. Weather overcast and suity. Sight bruge from El.C. Riching to the flood. at 7.30 Plagship made general signal \$350. Thanker 782 Received fresh provisions for cur-From 8 to Meriol. Overcart and cold. Light huye from He Glack water at 8.30. got around to est at 9.30. Ot 9.30 huntind at quantue armage steam pressure 30 lbs. Tump of bunker 80-(Tigued) Wainewight Kellogg. From Mirid to 4 9. M. Oseecast and cloudy, with occasional light shown of enow. Light treeze from N.H. E. at 1.80 Plagelije made signal 108%. overhauled botte force chaine, bolite leaded shackle bolte and furt in wooden pine. Hack water at 3.00. Turing to the flored at 3.45. anage steam forcement during water 25 lbe. Tunk of hunker 80° at 3.80 "Tassaic" got under way and strod in shore. O light of filliam.

"Time 4 to 6 T.M. Overcast cloudy and sunving. Light heere from Ho and & Hilp riding to the flood. At 4.80 "Passaic" came to anchor.

"Time 4 to and & Hilp riding to the flood. At 4.80 "Passaic"

Came to anchor.

"The Construction. From 6 to 8 9.21. Overcast, cold, enouring during first part. Fresh bruge H. H. E. freshming during latter feart. Riding between wind and flood lide. Obreage ellean furence 20 lbs. Temps of bunkers 80°. Distirling. Signed) Wainwright Kellogg. From V to Midnight. Overcast. Wind full in Equally from N. H. C. Shifting to H. Ett tide communed at 9 oclock. Piding across wind and tide. Distilling. average steam pressure 30 lbs. Fremp of hunker 80. Figured J. T. Tullivan. Lieut. Examined and found to be correct. Asalvalker, Lieut.

LOG of the United States Steamer Esty" 5" Rate, 6 Guns, Hampton Roadle Va.

										/			1			FERMINI
				WENDS.			BAROMI	TER.	THO	OPERAT	URE.	Section of the		lear.		
Hour.	Knots	Pathons.	Courses steered.	Direction.	Ferce.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet Bulb.	Water st.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	State of the Sea.	Beoord of the sail to at end of
A. M.								13	111							
1				Calm	0		80.82	48	37	86		0	Hint	0		
2				21.6.	1		80.82	42	86	34		"				
3				"	1			41	85							
4					3		90.84	40		4						
5					"			88		32		ou	*			
6	53			4			80.85		34							
7							3036	89	"	88			"		1	
8								"	35	4		"	4	4		
9				H. H. C.	2		30.88	40	36	80		0				
10				₩.46.	1		80.87	41	87	87		4				
11	33			H.	2.3		8084	42	,			"				
Noon.				"			8028			*		"	"	"		

Distance run by Log since preceding Noon	knots fathoms.
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊕	
Longitude by Chronometer from Forenoon Observations ⊙	
Current during the time knots fins. per hour, setting to the	
Variation of the Compass by Amplitude ⊗ observed at Sunrise	. , .
Variation of the Compass by Azimuth ⊙ observed at	
Water expended during the preceding 24 hours	1/7 gallons.
Water during the preceding 24 hours	"
Water remaining on hand fit for use at Noon	1875 "
Coal consumed during the preceding 24 hours	/ tons 260 lbs.
Coal remaining on hand at Noon	84 " 2200 "

P. M.									8
1	N. H. C.	2	80.26	42	87	37	oc	Himb	0
2	4		80-24			100		"	,
8			11	41	85	36			
4			"	40	37	35	008		
5		2.5	80.25				"	"	
6		4	80.24				"		
7		4.5				87	09		
8			"			38			
9			80.82	"		34	ogd	"	
10	H		8020	11	-	11	09		"
11		"	80-18	41		"	"		"
Mid.	"	4	"	"	"	"	"	"	"
Section 2	A STATE OF THE PARTY OF THE PAR	1000		1	1			1000	

Longitude by Chronometer from Afternoon Observations ⊗			
Longitude by Chronometer from Observations *	10000		
Variation of the Compass by Amplitude observed at Sunset			
Variation of the Compass by at		,	-

From 4 to 6 P.M. Overcast, cool - Fresh herry from P.W. Phips riding to wind. Four evalue at 4-80. By of Com a Office, geo W Ham's was delland a dente, behaving been about from the ships tim (Lignest) Wainwright Gellogg.

From 6 to 8 P.M. Overcast and pleasant. Thong & The equals. Rising to wind. Flood tide. Thean in tur boiler. Distilling. average steam pressure 30 the Temps of but per 7 6°.

(Tigued) f. T. Pullivan.

From 8 to Midwight. Weather cloudy and cool. Blowing a gale from 9d and Wal Iqually- at 8 let go the port anchor, vered to so fathome fort chain. Braced yards to the wind. Calamasan broke addiff. Theam presence 27 the Temps of bunker 72°.

(tiqued) f. K. Coquell.

Acallaller, Luit.

Examined and found to be correct.

LOG of the United States Steamer Esty" ged Rate, 6 Guns, Hamplon Roads Va.

			-		_		_		-							
				WINDS.			BAROME	TER.	TEN	PERAT	URE.	State of the	Power.	le de	0	
Hour.	Knots	Pathoma.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Then, atr'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.		Forms of Clouds, by symbols.	Prop of C	State of the Sea.	Record of the sail the wat at end of wat
A. M.					1											
1				И.	45		30.15	89	86	84		ogr	Himb	0		
2	30			2.6.	11		80.12	"	-			"	"	"		
3				"			80.10		"			"	"	"		
4							8008			"		*		4		
5				M.M. C.	3		80.06	"				or	"	"		
6					1		80.00	"	"	36		"	"	"		
7					"		29.90	4	11	46		"	"	"		
8	18						29.80	4	40			"	"			
9				6.	2.5		29.77	44	43	43		ofr	"	4		
10				9.6.	11		19. GF	46	47	47		"				
11				9.	4.5		29.60	50	50	50		"	"	"		
Noon.				9. w.	34		29.54					orta	"	"		

Distance run by Log since preceding Noon	knots fathoms.
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊕	
Longitude by Chronometer from Forenson Observations ©	
Current during the time knots fins. per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	
- Variation of the Compass by Azimuth ⊙ observed at	
Water expended during the preceding 24 hours	2/7 gallons.
Water Conclused during the preceding 24 hours	780 "
Water remaining on hand fit for use at Noon	2555 "
Coal consumed during the preceding 24 hours	/ tons 560 lbs.
Coal remaining on hand at Noon	83 " 1640 "

P. M.											
1	W.	2	29.50	50	48	44		ogrt	Wint	0	
2	9.20.	,	29.48		"			oc	Cum Hind		
3	"	34	29.46	H	11				ai cum		
4	"	4		47	ir	42			"		
5	"	4.6	29.41	46		4	94	teg	ann Hund	2	
6	EV.9.20.	57	29.50			40		"	"	7	
7		4	10	44	1	11		"		1	
8	*		29.52	"				09	4	1	2
9		7	29.54		39	88	3	tog			
10		67	29.50			86		"	"	*	
11	1	7	29.58		37		18	"	"		0
Mid.		4	29.61		4			"	"	*	

Longitude by Chronometer from Afternoon Observations ⊗			n
Longitude by Chronometer from Observations *			
Variation of the Compass by Amplitude observed at Sunset			
Variation of the Compass by			

- Geal Talker, Lt. Navigator

Variation of the Compass by

Steamer Essey" 3 to Rate, 6 Guns, Hampton Roads Va.

							/	10	ru	ye	low	e do	add	0	Ta	
				WINDS.			BARCORE	TER.	793	EPERAT	THE.	1				
Hear.	Knots.	1	Courses steered.			-	7.00					State of the Weather, by symbols.	Forms of Clouds, by symbols.	10ths	State of the	Escord of the sail the vesses at end of watch.
		Pathoma		Direction.	Force.	Lormay	Height in inches.	Ther, att'd.	Air Dry Bulb.	Wet Bulb.	Water at surface.	by symbols.	symbols.	Prop. of Ches. Sky, in 10ths.	Sea.	at end of watch.
						-	-	100				The second		410		
A. M				9,-00-								,				
1				W. J.W.	/	,	80.63					hog	ci	9		
2				"	7.9		80.65	11	33	82		"	4	11		
3		1			11		30.70		84	*	36	"	"	11		
4					4		80.75	4	"	-		4	4	"		
5							80.79		4	"		by	4	10		
6					G%		80.84	34	4			4	"	4		
7					5.7		80.88	"	38			"	77	11		
ė					"		80.92	11	84	83		4	"	"		
9				Ev.			0	24				,				
				w.	5.6	*	80.00	87	"	38		+	N	"		
10		-			"		"	39	"	"	-		"	"		
11					4		30.03	40	86	11		,	"			
Noon.	-			*	*		3000	41	3/2	86		"	"	*		
-									-				-			
	Distanc	e run	by Log since pre	eceding Noon								1	knots	fath	oms.	
	Latitud	e by	D. R. at Noon											,	"	
			D. R. at Noon											,		
			Observations at N	loon ®											"	
				om Forenoon Observ									-	•	"	
			ng the time				r, setting	to the	0							
	Variation	on of	the Compass by	Amplitude ⊗ observ	ed at	Sunri	ise								"	
	Variatio	on of	the Compass by	Azimuth @ observed	at										"	
				receding 24 hours									21%	gall	lons.	
	Water	6	oudence	al during the proc	eding	24 h	ours						75	0 .		
			ining on hand fit i										192	0		
	Coal ec	osun	ed during the pre	ceding 24 hours								tr	292	00	lbs.	
			ing on hand at No									89	18	20	44	
	N. Land											01	100			
P. M.			50000000				100									,
		-		6	.,							,			-	
1				W.	34		80.04	48	39	38	1	7		10	-	
2							"	44	40	89		"	52.5	4		
3					11		80.07	46	43	42						
1				"	4		80.01	"	40	39	136					
5				"			"	11	37	86						
6					,		80-11	42	"	11		,		9		
7					2.4		80-16	1.4	81	80		,		11		
8					25		100000		-					4		
9				Section	"	-	30.20	1	85							
1	1			0.79.	8	-		4/	34	33	-		-	11	-	
10				W.	"	1	4	40	"	4		1		"	-	
11	4			W.48.	4	-	80.22	81	"	,	-	"		"		
Mid	1.			. "			80.24	"	"	82	1			4	500	
Marin		-						-		1						
	Long	tude	by Chronometer f	rom Afternoon Obse	rvation	ns ①									"	
				rom Observations			*								"	
			of the Compass by		erved :	at Sur	nset								-	
				The second secon			The second second									

Rioling to ell during watch - Steam in two foilur average eliam frusur 20 lbs Temp of bunker 58? (Signed) Wainwight Kelley From & to 8. auc. Clear and cold. Gentle being from Welv. at 5 suring to the flord at 7. for Flagelip whole general signal 38 for I team person 20 lbs. Temp of fun fen 79: (Tigued) & K Cogswell Lieut. Those 8 to While Char and cold Light huye from W.W. Riding to flow at 9.45 crew was inspected at quarters, by Commanding Officer. Ot 10.00 Called all hawas to muster, and prayer wire read by Commanding Officer. Slack water of 10.20. average sleam pressule 15 lbs. Jemp. of burkers 68°.

(Bigned) Wanninght: Kellogo (Signed Wannight Kellogg. From Merid. to 4 P.M. Clear and coul: pleasout. Light breeze from N. M. Riding to abl. Average steam pressure 38 lbs. Temp. of anders 68' Ligned J. A Cogomell Ligned J. A Cogomell From 4 to 6 S. M. Clear. Cool. Pleasant. Sentle breeze from Dr. Riding to cob. Slack water at 5.30. Signed Wanwinght Kellagg Lieht. From 6 to 8 P. M. Clear and cool. Light M. Mr. airs. Bright-mornlight - Lumny to flood at 6.38. Overage steam fressure 28 lbs. Lemp. of hakees 722 Distilling. Steken in two briles. Signed J. A. Corgswill. From 8 to Midinght. Clear Cool. Bright mornlight Swing to abboat 11.15. Light airs from not work Iteam in two tollers average fremme 30 lbs. Stimp of frukers 60° Distilling.

Examined and found to be correct.

Asalvalker, Navigator

Fish Rate, 6 Guns,

LOG of the United States Steamer Essig" fin Hamplon Poadle Va. A. M Ent. W. 8026 39 82 82 cie 3 80 80 " 1 81 4 5 80.34 " 18 18 6 80.80 7 80.40 80.72 " 8 9 30.4685 80 10 80.4886 88 82 80.4638 " . 11 80.4689 8488

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊕		
Longitude by Chronometer from Forencon Observations ⊙		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊕ observed at Sunrise		, ,
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	2/7	gallons.
Water during the preceding 24 hours		
Water remaining on hand fit for use at Noon	319	0 "
Coal consumed during the preceding 24 hours		
Coal remaining on hand at Noon -	tons /76	0 "

P. M.														
1		1		Ev.	2		8044	89	84	88	+	ai	10	
2		¥		" 24						87	. "-	"		4.
3		3		Ev. A. &.	,		80 42	44	42	40	"		*	
4	Y	-		U. Ev.						46				199
5	4.5		1	"	,	1	" "			12	2 4			-
6		3	4.0	"			3043				*			
7	1		AND C	A. 0	0-1		30.44	48	37	86	" "	. *	*	
8	24	1	1	"	"		"	"	"	"	1		"	
199				"	"	1	*	42	11	"	4		9	
10					11	1		#	"	9	,	4	"	
11		33			4		"	40	35	34	"	"		
Mid.	100			4	4	13	"	4	4	"	/4	*	4	

Longitude by Chronometer from Afternoon Observations \odot Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

under the command of Januarder A. S. Schleye Monday January 1st, , U. S. Navy, , 1877. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Communes and whit & a. M. Clean Cool and calm. Picling to the est. Pright summight. Please freezem 80 th. Tump of hungue 70. (Tigued) J. K. Gogswell. From 4 to 8 all. Clear and pleasant first how of watch; ownered and cloudy during latter part. at 6 started five in his main british, at 450 stack water. at 5:10 ship suring to flood. Fristilling Theam pursue 80 the. Temps of but five 70: (Figure) are braffer. Thom 8 to therial. Concast Cool. Fresh H. Co wind. Joseph Gook salid from I de to Catin Cook. Lint J. J. Lacuport relieved from leave. Riding to wind. Than in four toilur. De Signed f. K. Corghwell. Flan Merial to & 9.81. Overcast Thick. Cloudy. Funning. Disagreette Blowing surduale gale With flush puffs from H.C. Tide litered est at 12-30. Waster of american fall "Caryet T. Fee," came aboard for sudical acticlance esticle was rendered. Phise riding and matter ebb. At 8:80 hauted out spanger to strady fue. Amage stram persone 80 the Temp of bur fue 60? This banked under four boiler (liquest) Victional J. Lawfort. From It 6 9. M. Orecast, Squally. Hoduste gale from It. C. Gioling li wind Faining during latter part. Took in Spanker at 4.50. Francisco falling. (Figured) Wain wright Kellogg. From 6 to 8 9.86. Derecast cold and hailing. Thing H. G. equalle Giding between wind and flood lide. at 7.45 let go foot anchor bured to 12 fathome. Tened to fine on Star board anchor. Fanked fine and from briles. Acreage steam function 20 the. Temp of from the 62! at 7.80 wind incurred to a fuch gale. Wind handing to be 2! (Higued) Vaineright Kellogg From 8 to Midwight. Weather thick and squally. Turny. Though equally from H.W. Suring to et at 11-80. Veres to 80 fathoris of fat chain-Baconeter Rising. Than on four biles to the Tunk of hinker 80? Rigued J.K. Cogsycu. Examined and found to be correct. Dealtalker. Navigator.

LOG of the United States Shamer Essex" 3 Rate, 6 Guns, Hampton Roads, Va.

Hear.	1						1					adas			
Hear.				WINDS.			BANOME	750	-	7000			1	-	
	Knots	Fatherra.	Courses storred.		Force.	Leeway.	Height la		-	Alr Wet Bulb.		State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	State of the Sea.
	1	P.s				7			Bulh	Bull	warfam.			28	200
A. M.				0									3		
1				Calm	0		3044	50	86	84		1	-	10	
2				. 11	"		"	"	4	85	1		1000	4	
3				,			"	11	4			4		"	
4				1	10		Solar	4				4	-		
5				6.4.6.	2		8040	38	80	84				4	
6				4	11		80.88	"	33	88		oc	Ener the	- 11	
7				"	3		8006	4	82	33		N	4	4	
8				",	4	1	8084	-	4				+		1
9				H.G.	. 11		8086	25	4	"	00	4	Cun	0	
10_				M.N.G.	11			86	81	fo					
11				H.C.	4.5		8026		4	11		089	Him	. "	
Noon.					56		8020		4			,	"		
								-					-		
	Distan	oce ru	n by Log since pred	eeding Noon									knots	fath	oma.
	Latitu	de by	D. R. at Noon												"
			y D. R. at Noon											,	"
			Observations at No	von ©										,	
				m Forenoon Observ	ntlana	0									~
			ing the time												
							r, setting	to the							
				mplitude ⊖ observ		Sum	1se							-	
				zimnth ⊙ observed	at									*	"
			nded during the pro	eceding 24 hours									117	gal	lons.
	THE PARTY IN		0		whine	24 1	MARKE						-		
	Water	-	moderated	during the prec	eung		-						500		4
	Water	r rema	sining on hand fit fo	or use at Noon	cumg								500	5	
	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon peding 24 hours	oung							۷.	50 0 155	5.	lbs.
	Water Coal	r rema	sining on hand fit fo	or use at Noon peding 24 hours	cung							1	500 755 0008 8.	5 20	lbs.
	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon peding 24 hours	Came							1		5 . 20	
	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon eding 24 hours	7.0				21	21		78	" 154	10	
?. M.	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon peding 24 hours	7.9		8010		31			1		0	
P. M.	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon eding 24 hours	7.9		8010		82	82		78	" 154	10	
2. M. 1 2	Water Coal	r rema	sining on hand fit for med during the prec	r use at Noon eding 24 hours on	7.9		80-10		82	82		78	" 154	0	
P. M. 1 2 3	Water Coal	r rema	sining on hand fit for med during the prec	or use at Noon eding 24 hours	7.9		80 10 80 -01 49-89 29-85		82 84 85	82 84 85		089	" 154	0	
2. M. 1 2 3	Water Coal	r rema	sining on hand fit for med during the prec	r use at Noon eding 24 hours on	7.9		80-10		82 84 85 86	82		78	" 154	0	
P. M. 1 2 3 4 5	Water Coal	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87	82 84 85		089	" 154	0	
2 3 4 5 6 7	Water Coal	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C. H.G.H.C. H.G.H.C. H.H.C.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86	82 84 85		78 089 " " org " "	" 154 Hint	0	
2 3 4 5 6 7 8	Water Coal	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C. K.H.C. K.H.C. K.H.C. K.H.C.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87	82 84 85		089	" 154	0	
P. M. 1 2 3 4 5 6 7 8 9	Water Coal	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C. H.H.C. H.H.C. H.H.L. H.H.L. H.H.L.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87	82 84 85		78 089 " " org " "	" 154 Hint		
P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C. H.G.H.C. H.H.C.H.C. H.H.C.H.C. H.H.C.H.C	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87	82 84 85 86 87 86 80 28 "		78 089 " " org " "	" 155 Hint	0	
1 2 3 4 5 6 7 8 9 10 11	Water Coal a	r rema	sining on hand fit for med during the prec	C.H.C. C.H.C. K.H.C. K.H.C. K.H.C. K.H.C. K.H.C. K.H.C. K.H.C. K.H.C. K.H.C.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87 86 88 89 "	82 84 85		78 089 " " org " "	" 154 Hint		
P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal a	r rema	sining on hand fit for med during the prec	C.H.C. H.G.H.C. H.G.H.C. H.H.C.H.C. H.H.C.H.C. H.H.C.H.C	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87	82 84 85 86 87 86 80 28 "		78 089 " " org " "	" 155 Hint	0	
1 2 3 4 5 6 7 8 9 10 11	Water Coal :	r remi	sining on hand fit for med during the pres- ning on hand at No.	C.H.C. H.G.H.C. H.H.C. H.H.C. H.H.C. H.H.C. H.H.C. H.H.L. H.H.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87 86 88 89 "	82 84 85 86 87 86 80 28 "		78 089 " " org " "	" 154 Hint" " " " " " "		
1 2 3 4 5 6 7 8 9 10 11	Water Coal :	r remain	aining on hand fit for med during the pres- ning on hand at No.	C.H.C. H.G.H.C. H.G.H.C. H.G.H.C. H.H.C.	7.9		80 10 80 -01 29-85 29-75 29-09	8940	82 84 85 86 87 86 88 89 "	82 84 85 86 87 86 80 28 "		78 089 " " org " "	" 155 Hint		4
1 2 3 4 5 6 7 8 9 10 11	Water Coal :	r remi	sining on hand fit for med during the pres- ning on hand at No.	C.H.C. H.G.H.C. H.H.C. H.H.H.C. H.H.C. H.	7.9	ns ®	80-10 80-01 29-85 29-75 29-65 29-61 29-71	8940	82 84 85 86 87 86 88 89 "	82 84 85 86 87 86 80 28 "		78 089 " " org " "	" 154 Hint" " " " " " "		4

under the command of Commander & Tooloschely , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 4 a. M. winds from W. N. W. with fresh Equalle. Winder Clouds. Clear hause Ofsculed moonlight Steam in four boilur. Average steam foresure 40 lbs. Stup. of coal bushere 70° (Signed) Richard G. Davenpert From 4 to 8 a.M. how not port anchor. Blowing a fresh breeze from It. N. I. at y how not port anchor. Buringing to flood at y. 30. 18 anked fine under four neain boilers. aborage steam pressure 35 lbs. Temp. of bunkers 70-(Signed) Naiwinght Killogg From 8 a.m. to Merid. Clear and cold. Blowing fresh from N.N. Vr. Ship riding to the flood. Of a brught stot. chall to capstain, and her in to 40 fathoms. Oh 9.45 " Called all hands; up aucher": got underwigh vering to 45 fathers. Old Sout Light. (P.c.) N. S. E/2 8. . Rip Raps 8. 6/2 lb. Ships head N. G. average steam solles. Tempoflimen 84. Wind freshening Black water at 12. Cogswell Signed) L. C. Cogswell Lieut-1 Lieut-From Muid to 4 V. U. Clear. Cold. Fresh N. N. W. bruge - Ship riding to wind steam fressure 30 lbs. Temp. of bunkers 80° Distilling. Charge Bigmed) Richard G. Davembert From 4 to 6 P. U. Cold and clear Fresh N. N. A. breeze. Riding to Est. Distilling. Corrage Clean pressur 25 ble Jemp of hombers 80. The to to 8 P. U. Clear and cool. Fresh bruge from W. N.W. hip riding to 266. Slack water at 7.45. average steam free-rure 20 lbst Lemp. of brukers 76° Distiller in aperation. Fine June 8 to Midnight. Clear. Freigning. Fresh W. Mr. Breige. at 8.6 never rose. Bright neverlight Of 9.18 swang to flood Sleam noon two boilers. Average pressure 24 lbs. Jewf Jounters 70° Distilling.

Examined and sound to be correct. (Signed) Richard & Daven post. Healvaller, Navigator

LOG of the United States

Distance run by Log since preceding Noon

Canu Exsu!"

Jenk G Guns,

Hamplon Goads &a. 29.84 3 28 29.95 30:00 7 26 8 30-12 30 28 27 9 30-1332 1 28 10 30-1434 29 " 11 33 32 31

Latitude by D. R. at Noon

Longitude by D. R. at Noon

Longitude by Observations at Noon

Longitude by Chronometer from Forenoon Observations

Carrent during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude

observed at Sunrise

Variation of the Compass by Azimuth

observed at Sunrise

Variation of the Compass by Azimuth

observed at

Water expended during the preceding 24 hours

Water Condensed during the preceding 24 hours

Water remaining on hand fit for use at Noon

Coal consumed during the preceding 24 hours

Coal remaining on hand at Noon

Coal remaining on hand at Noon

Coal remaining on hand at Noon

P. M.						
1	N. N. W. 4.	30-1636	31 30	6.c.	Cir. Cum	7
2	" 4	4 38	8332		200000	9
3	" "	30.18 N	3433	A	Gir. Com.	4
4	" 3-1		33 37		*	
5	linda :	-	35 34	8.	. /	0
6	de jour 2	1		4		11
7	Nr. Nr. 91. 2.	2. 4.4	3231	-	4	4
8	4 4		30 29	4	4	
9	3-		/-	4	1	*
10	3 3.		The second second	"	1	1
Mid.		30-363		,		. 3

Longitude by Chronometer from Afternoon Observations ⊗

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

at

under the command of Commander H. Scott Schley , U. S. Navy, Hiduesday January 3th , 187%.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and mutil 4 a. M. Clear Gold. Fresh breeze from He and W. During to cost tide at 1.15. Bleam on one boiler. Average fleam praserve 28 lbs. Lemp of bruken 82° Distilling. Chiqued Naimbright Kellygg From 4 to 8 9. M. Clear and cold. Moderate breeze from Xd and W: Low water at 7.30. Flag ship made general signal 3350. At J Commenced getting up stead under four boilers. Steam pressure 30 lbs. Thuk of muker 80 Distilling. Made prepartions for aweeping for lost auchor. Baumeter viving K. Cogswell From 8 a. M. to Merid. Clear. Freezing. Moderate breeze from W. N. W. shifting to Di duing watch. Swong to flood at 8.36. Average Steam 30 lbs. Temp. of brukers 64- Distilling- Fires under four briles. Signed Richard G. Davenport From Hrid to 4 P.M. Overcast and cold. N. W. Greege. Of 1.20 clack water. Burning to Est at 1.45. At 1.20 Mintank. Got muderwigh, and cake to at 2.00. Fines under four tilers. Overage presure 30 lbs. Semp. of bunkers 68:

(Bigned) Waininght Kellogge Imm 4 to 6 P.M. Clear and cool. Fresh breeze from W. S. M. Of 500 Flag- ship made signal 10 8%. Ship owing to the col. Fires banked mider two boilers and spread muchor two. Distiller in operation. (Signed) J. C. Cogswell Nient. From 6 to 8 &. U. Overcash Freeging. Moderate breeze from me Riding to cob. Black water at 7.15. Steam on two Stopped distilling at 7. 15. Banked fine midler two boilers. Bigned Richard & Davrupert From 8 to Midwight- Clear. Freezing. Moderate breeze from me - Surung to flood at 8.30. Stehn no four boilers. Banked under two of them. Overage steam pressure 18 lbs. Lenk of lander 9. Digned Wainwright Kellogge

Examined and found to be correct.

Scallacker,

Variation of the Compass by

				16	au	up	to	n	74	00	els	Va.			
			WENDS.			BAROME	TER.	TEM	PERAT	URE.			34		
Heur. 1	Enote 1	Courses steered.	Direction.	Fores.	Tay.	Height in	Ther.	Air	Air	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State of the Sea.	Record of the sail the wat at end of wat
	Pathons another		2-to-votates.	I wow	Leemay	Height in inches.	att'd.	Air Dry Bulls	Bulb.	Water at sertion.			Sky, i		
A. M.											,	1			
1			W. A. M.	3-5	3	30.25	20	27	91		6.C	Vor Cua	9		
2				4		B	4	-	,		,	1	3		
3	20 19				3	80.38		75	15			1.	1		
4				1	3	4.40	-		1		*	, ,	4		
5				4	3	0-42	79		73	22		lun, Str.	4	100	
6	8			4	2	1.44	H	13	20						
7					3	30,48		17	+				4		
8					3	0-49	11		-		.,	, 6			
9			1:1	3	3	0.50	78	1	74		b.	None	10		
10	9 3		WbyN		3	0-49	31	13	15		bic.	6 Mu	9		
11			of W.	4	3	0-46	93	16	18	100		ar Cun	1	33	
Noon.			N. J. ar.				34	18.	00		1		8		
												-	lane.	-	
I	Distance ru	m by Log since prec	eding Noon									knots	fath	oms.	
I	atitude by	D. R. at Noon											*	"	
		by D. R. at Noon										-			
		Observations at No												"	
		by Chronometer from											'	"	
		ring the time				setting	to the	e							
		f the Compass by A			Sunris	е							'	~	
		f the Compass by A		int											
		ended during the pro										11			
	Water		during the pre	ceding	24 ho	GITS .						. /.	-7	**	
		aining on hand fit fo									٥	14	1		
		med during the prec									7.2	tons of	0	Ibs.	
	Coal remai	ning on hand at No	061								13	" 7	0	-	
Р. М.															
1	70 00		W. n. m	3		2. 1.	0/	24	na		1	Cour.	0		
2			m. n. n.	0 7	2	20-40	24	200	39		-0-6.	Course .	17		
3		77 700	//-	2	1	26 35	30	25	31	100		11	1-		
4		TO STATE	s'm.	3	1	34.34	7	32	30	14		1	0	3	
5	100		msm.	2-3	1	,,,,	38	21	30		*	Cir. Cum	4		
6			m				37	-	13	100	,	1	15		
7		1000000		3		2035	16	20	10	1 18	0	-	0		
8	100		000	1			11	4	1		1.c	Curu-	2		
9	68 6			4	1	20.37	W	28	6	1		Cir. Cour	.5		
10	100			1	4	20,38	35	1	28			4	5		
11	100		3 .	1		"	02	197	27			4	9		
Mid.	100					4	4	1	1	198		1.	1/4		
		-		1	-	-	-		-	-	-	-	-	-	
	Longitud	e by Chronometer fr	rom Afternoon Obe	ervatio	ons ©								,		
		le by Chronometer fr				*						1	1		
	Variatio	n of the Compass by	Amplitude ob	served	at Sun	ect						-			

Figured) Wainwright Kellogg-

From 8 to Midnight - Clear, cold and calm - Furing to flood at 9. Moon roce at 11. Iteam presence 20the Temp of hundre 70-

Figured) f. K. Cogewell-

Examined and found to be correct.

. Isalvalker.

11 Noon

LOG of the United States Steamer Essex" & Rate, & Guns, Hampton Roade &a. RADOSETER. TEMPERATURE.

State of the Westler, by symbols.

State of the Westler, by symbols.

State of the San Bulb.

Record of the rail the vessel of the symbols. A. M fe f 8642 28 28 22 Cie House 10 3 4 8044 27 28 " 5 804626 " 8048 " " " 7 80.51 " " 28 8 80.52 " " " 9 " 312827 8049842928 10

Distance run by Log since preceding Avova		RHOTE	INTERVENCE.	
Latitude by D. R. at Noon			. "	
Longitude by D. R. at Noon				
Latitude by Observations at Noon ⊗			, "	
Longitude by Chronometer from Forencon Observations ⊙			, "	
Current during the time knots fins. per hour, setting to the				
Variation of the Compass by Amplitude ⊗ observed at Sunrise			, "	
Variation of the Compass by Azimuth ⊙ observed at			, ,	
Water expended during the preceding 24 hours		217	gallons.	
Water during the preceding 24 hours			"	
Water remaining on hand fit for use at Noon		1/9 tons /6 6	0 "	
Coal consumed during the preceding 24 hours	1	tons /6 6	60 lbs.	
Coal remaining on hand at Noon	71	" 62	0 "	

P. M.												
1			Ur. Ev.	01	8046	35	81	80	1	House	10	
2			"	11	80.44	36	11	39	11	"	"	
3			6.9.6.		"	39	36	34	"	"		
4			H.N.G.	N	"			36		",	"	
5			H.		8045				te	9/1i	9	
6			"			37		30	1	House	10	
7						"	11	11	"	"		
8			"	,			11	11	te	9/10	9	
9	1		Calm	0	80.40		80	"	+	Home	10	
10			"	"	8049	86		4	"	"		
11	100	100000000000000000000000000000000000000	-		8048	"	4	11	"	"	"	
Mid.				11					"		"	

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and sulit & a. M. Clear Freezing- Right Gentlight Light I'm ain- Plack water at 2.80. Suring to est at 815- Much ice floating with lide-Banked fier emole four boilers. Temp of hunker 40° awage freeden 80th.

Tran 4 to 8 a.M. Clear Freying Fight heer from I and & Chiding to est during watch. Large quantity of ice floating down with tide. at 615 the "Passaic" dragged with the ice. at 6.80 the "Moutant" dragged with the ice. collider with the "Passaic" and both sesselle dragged until they were Cast of Light House, distant about four caster length, when they brought up. At 6.45 Flagship made general signal 4886. at 7.80 specal five in four, and started in live main toilur. Than pursue 24 the. Trunk of bunkers 75°.

From 8 to Muist Clear and pleasant Light air from 9.80. Plack water at 9.15. At 9.30 exercised at general quarter. Time carting love. 1st Div 5.36. 2 and Div 4.00. Powole Div 5.50. Engineer Div 36. Marine 7.30. Marine Div 1.30. Marine Div 36. The Securing 1st Div 7.2 and Div 3.30. Powder Div 8. Congineer Div 30. Martin Div 3. At 9.80, 81.9. Tallaic got underway and strawed up to her old anchorage. At 10, 81.9. Montant did the same. This swring to the flood at 10. At 1040 Itagelish made signal 2121. And at 11.15 the following telegraphic signal. 9279. 154. 09 35. 4578. 7409. The following telegraphic signal. 9279. 154. 09 35. 4578. 7409. Houthut reported their selien from leave. Average steam pressure 4.0. Hulthut reported their selien from leave. Average steam pressure

From Muid to 4 9.M. Clear Cold Pleasant. Zight aire from Ha and Ex. Riding to flood at 145 Flagship made general signal 54.55. Loved sail to dry. Plack water at 3. At 350 Flagship made general general signal 4826. Truled sail. Even Anderson (6.7.6.) Geo & Case (2.7.6.4) and Cary Braylon (Ide) were sent to the Hospital at Morfolk. Franked fine sender six tribus. Annage steam pressure 38 lbs. Trulp of trunkers 62. Much ice diffing with lide. (Ligned) Richard J. Daverport, Link.

From 4 to 6 T.M. Clear and cold. Light aire from I and Ed Yurung to est at 4.10. Banked fine under six triber Distitling. (Lignal) Wainweight Kellogg, Link.

From 6 to 8 P.W. Clear and pleasant. Light aire from I and Et This rising to the est. amage steam pressure 35 lbs. Timp of bunkers 84° Distitles in operation. Time banked under six boiler. (Tigued) J.K. Cogswell, Lient.

Examined and found to be correct.

From 8 to Midnight. Clear Gold. Damp. Light 9.9.6. here Com the cloude. Franked fine under six boiler. avage steam freezene 38 the Temp of hunker 80°. Hack water at 9.45. Iwang to flood at 10.30. Moon rose at 11.55.

(Liqued) Richard & Davruport

Link he Walker

LOG of the United States Steamer Essex" 5" Rate, 6 Guns,

								1	Ya	m	1/2	ton	Cos	ia	4	Va.
				WINDS.			BAROME	TER.	TEM	PERAT	URE.			34		
Hour.	Knots.	-	Courses steered.				Halada b	-	Alr	Alr	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Cles	State of the	Record of the sail the vessel is at end of watch.
		Pathons.		Direction.	Force.	Leeway	Height in inches.	att'd.	Dry Bulls.	Wet Bulb.	Water at surface.	by symbols.	symbols.	Prop.	Bea.	
A. M						1		70	100	733		32886				
1				Calm			2.1.	. 2 .	-			1	House	, .		
					05		3048	50				7	10000			
2				9.	1		"	-	28			"	"	-		
3				"	4		1	"	11			"	"	"		
4		-		"	3		-	"	4	11	-	4	*	*		
5				*	2		3082	-			46	"	"	4		
6					3		"		37	47		to	bie	4		
7				*	2		"	,	"				//	0		
8				"	"		4	11	4			"	"	9		
9				9.80.	11		80.52	36	23	31		6	Home	10		
10				"	4		11		35			"		-		
11				"	04		80.58					"	-	4		
Noon				"	01		3041					4	4	"		
					,		00.70	1	10	-						
	Distan	-	n by Log since pre	ording Noon									knots	Seth	oms.	
				centile worth									ALIVO	, marin	OUID.	
		7	D. R. at Noon													
			y D. R. at Noon											1		
			Observations at No											***	-	
	Longit	ade b	y Chronometer fro	m Forenoon Observ	utions	0							-	1	"	
	Curren	nt dur	ing the time	knots fi	ns. pe	r hou	r, setting	to the	0							
	Variat	tion of	f the Compass by A	Amplitude ⊖ observ	ed at	Sunr	ise							*	"	
	Variat	ion of	f the Compass by A	Azimuth @ observed	at									'		
	Water	expe	oded during the pr	eceding 24 hours									217	gal	lons.	
	Water			during the pre-	coding	24 1	houns									
	Water	rem	aining on hand fit f	or use at Noon									219	0	11	
	Coal e	ODSU	med during the pre-	ceding 24 hours								9	2/9	0	Ibs.	
	Coal r	remain	ning on hand at No	00								67	" 178	9	44	
	27											1	.1.			
P. M					1		8000									
1	13			31.	01	7	80.4.	40	40	24	7	1	Horn	10		
2				63/6	"		30.41	40	70	0/		,	noue	11		
3				0,10,0.	"	3	8012	76	89					4	1	
4	10			6	"		30.48	1.1	40	20		to	Ci fli	- 11		
5	130			0.			20.48	77		08		o-c	1 Tu			
6	1		1	ide		-	0.10		07	36	13	,,	"	0		
7				6.9.6	1-2		80.47	11.	0	0-			1	-		
	-	-		0,	/	1	80.48	73	86				"	5		
8		1		7,0,	"	1	"	1	"	34	-		"	10	-	
9	1	1		9,9.6.	0.1	-	-	42	35	11		-	"	1	-	
10	-	-	-	"	1	14	*	41	"	-	1	"	*	6	-	
11	-	1		"	3		"	#	34	4	100	"	"	*	-	
Mi	4.	1	SE STATE	9,46.	3	-	"	"	*	"	-	4	"	4		
-		To the same of			-	-	-		10	77	-		The second second			
				rom Afternoon Obse	ervatio	ons ©								-	"	
			e by Chronometer f				*						tay test	1	-	
	Var	riation	of the Compass by	Amplitude obs	erved	at St	inset							1	-	

Variation of the Compass by

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and sentil 4 a. M. Clear, cool, with light air from 9th Riding to flood during watch. Banked fine sender six main boiler. avage stame pursue 30 lb. Temp of bunkers 6 2 Distilling. Digued Wainwright Kellogg. From 4 to 8 a.M. Weather overcast. Light 6 of beeg. Suring to the est at 5. at 7.30 Flagship made signal 8850. Lieut as Walker left the ship on a weeks leave. Received fuch provisions for crew. Steam presence 25 the Temps of timbers 86. (igned) f. K. Cogewell Cient. From 8 to Muid. Overcast. Good, Disagneath. Damp. Light airs from 6th. Plack water at 9.80. Yearing to flood at 10.15. at 10.80 started fine in boiling Not I and 8. Paining during latter part. Fine under eight toiling. average steam present solbe. Temp of hunter 85°. Itopped distilling at 10.80. Liqued Pichard J. Davuport From Heriod to 4 P.M. Obucaet, cool, foggy and rainy Light 4.6. wind. Pioling to flood. faune Brown (Tha) rated to Capt of Forecaste from this date inclusive, by order of Com elg Office. Banked fine under eight boiler. Average present 50 lb. Temp of bunker 80: Thom 4 to 6 9. M. Orecast, fogger and lainy. Light wind from Find &d. Shifting to Wo and Cod. Hack water at 4.48. This evening to the est at 5.40. True tanked under four boilure. Signed f. K. Cogewell, Link. From 6 to 8 9.M. Overcast. Foggy. Painy. Light aire from 4.6. Pioling to est. Banked five under four triline. Average stram presence 25th. Tump of bunkers 80° Barometer falling. Digued Pichard P. Daverport. Lient. Evoru & to Midwight. Overcast and foggy first live hour, accompanied with rain last tut. Iwang to flord at 11.80. Banked fine suche four boilers. average steam pressure 27 the Temps of bunkers GV. Bankers facing sapioly. (Tigued) Hainwright Kellogg-

Examined and found to be correct.

Scalvalker, Navigator

					WINDS.			BAROMI	TER.	TEX	PERAT	UROL.			24	200	
Hour.	Knots.	1	Courses	steerol.	Direction.	Fore	1	Height in Inches.	Ther.	Ale	Alr	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Cles	State of the Sea.	Record of the sail the vesses at end of watch.
		Pathoma					Learner	Inches.	MIT'S.	Ale Dry Bulb.	Bulb.	Water at surbss.			Sty.		
. M					-1												
1					9.	1		8048	38	85	35	-3	te	ai am	8		
2						"	-	11	*					"	5		
3					*	"		"	H	*		1		"	8		
4	13				onle	"	-	"	"	*	*	133		"		-	
8					6.9. 6.	1		1	38	11	34		osu	Cun Him	10		
6					-	3		30.48	40	"	"			"	"		
7		10			"	4		50.46	1	87	86			"	"		
8					6.			0 1	1.0	#	11		•		"		
9					0.	/		00.40	12	1	00		0		'		
10						"		20.70	78	40	89	,		61. 1	^	1	
11							,	20.31	1.	31	38		or	Hint	"		
XIG.						1.	9	30.34	2	-							
	Distan	-	n bu Low	sinos nas	ceding Noon							196		lunta	6.43		
			D. R. at		coming avoon									knots	lath	oms.	
			y D. R. a													M	
	The same	MANUE I	A The Tax of	N AVOUR											-		
	Latitud	de by	Observati	ions at N	00m ©												
			Observati			servatio	Os O										
	Longit	nde b	y Chrono	meter fro	m Forenoon Ob				to th								
	Longit	nde b	y Chrono	meter fro	m Forenoon Ob	fins.	per h	our, setting	to th								
	Longit Curren Variat	ade b	y Chrono ing the ti	meter frome	m Forenoon Ob	fins. p	per h	our, setting	to th								
	Longit Curren Variati	ande b	y Chrono ing the ti f the Com	meter frome pass by A	m Forencon Ob knots Amplitude © ob	fins. perved a	per h	our, setting	to th								
	Longit Curren Variat Variat Water	nde b	y Chrono ing the ti f the Com f the Com	me pass by A	m Forenoon Ob knots Amplitude ⊙ ob Azimuth ⊙ obser	fins. p served a rved at	per h	our, setting	to th					· · · · · · · · · · · · · · · · · · ·			
	Longit Curren Variati Variati Water	inde b	y Chrono ing the tie f the Com oded duri	me pass by A pass by A ng the pr	m Forenoon Ob knots Amplitude ⊙ ob Azimuth ⊙ obser ecceding 24 hours	fins. p served a rved at	per h	our, setting	to th								
	Longiti Current Variati Variati Water Water	inde b	ry Chrosov ing the tin f the Com of the Com onded durin recluse	me pass by A pass by A ng the pr	m Forenoon Ob knots Amplitude ⊙ ob Azimuth ⊙ observeceding 24 hours during the	fins. p served a rved at	per h	our, setting	to th	8			~ '	218	gai		
	Correct Variati Variati Water Water Water Coal c	ion of experience on son	ry Chrosov ing the tin f the Com of the Com onded durin recluse	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob- knots Amplitude ⊙ ob- Azimuth ⊙ obser- ecceding 24 hours during the for use at Noon ceding 24 hours	fins. p served a rved at	per h	our, setting	to th				45		gai	" " llons.	
	Correct Variati Variati Water Water Water Coal c	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob- knots Amplitude ⊙ ob- Azimuth ⊙ obser- ecceding 24 hours during the for use at Noon ceding 24 hours	fins. p served a rved at	per h	our, setting	to th				7 65	218 730 219	gai	" " llons.	
	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob- knots Amplitude ⊙ ob- Azimuth ⊙ obser- ecceding 24 hours during the for use at Noon ceding 24 hours	fins. p served a rved at	per h	our, setting	to th				45	218 730 219 000 //2 66	gain	" " llons.	
	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob- knots Amplitude ⊙ ob- Azimuth ⊙ obser- ecceding 24 hours during the for use at Noon ceding 24 hours	fins. p served a rved at	per h at Su ang 24	our, setting			40		2° or	218 730 219	gain	" " llons.	
·. M	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob knots Amplitude ⊙ ob Azimuth ⊙ observeceding 24 hours during the for use at Noon ceding 24 hours con	fins. perved at precedi	per h at Su	our, setting			40		25°	218 730 219 000 //2 66	gain	" " llons.	
2. M	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob knots Amplitude © ob azimuth © observeceding 24 hours during the for use at Noon ceding 24 hours con	fins. perved street str	per h at Su ang 24	our, setting	48		40 41 42		or or or f	218 730 219 000 //2 66	, gain	" " llons.	
2. M 1 2	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob knots Amplitude © ob azimuth © observeceding 24 hours during the for use at Noon ceding 24 hours con	fins. perved street str	per h at Su	So.20	48 44 45		40 41 42		or orf	218 730 219 000 //2 66	0000	" " llons.	
2. M 1 2 3	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob knots Amplitude © ob azimuth © observeceding 24 hours during the for use at Noon ceding 24 hours con	fins. perved street str	per h at Su ang 24	So. 20 So. 14	48 44 45		40 41 42 40		or orf	218 730 219 000 //2 66	, gai	" " llons.	
2. M 1 2 3 4	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Ob knots Amplitude ⊙ ob Azimuth ⊙ observeceding 24 hours during the for use at Noon ceding 24 hours con	fins. preceding	per h at Su	80.20 80.20 80.18 80.14 80.10	48 44 45		40 41 42 40 44		or orf	218 730 219 000 //2 66	0000	" " llons.	
P. M 1 2 3 4 5	Longit Curren Variati Variati Water Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Obknots Amplitude © obknots Azimuth © observeceding 24 hours during the for use at Noon coding 24 hours on	fins. perved street str	per h at Su nng 24	80.20 80.20 80.18 80.14 80.10	484445		40 41 42 40 44		or orf	218 730 219 000 //2 66		" " llons.	
2 3 4 5 6 7 8	Longit Curren Variati Water Water Coal c	ion of experience on son	y Chrono ing the tir f the Com nded durin	me pass by A pass by A hand fit if g the pre-	m Forenoon Obknots Amplitude © obknots Azimuth © observeceding 24 hours during the for use at Noon coding 24 hours on	fins. perved street str	per h at Su ng 24	80.20 80.20 80.18 80.14 80.10	484445		40 41 42 40 44 "		or orf	2 18 7 30 2 19 		" " llons.	
2 3 4 5 6 7 8 9	Longit Curren Variati Water Water Coal c	ion of experience on son	y Chrono ing the tir f the Com nded during model during med during	me pass by A pass by A hand fit if g the pre-	m Forenoon Obknots Amplitude © obereceding 24 hours for use at Noon ceding 24 hours con	fins.	per h at Su ng 24	80.20 80.20 80.18 80.14 80.10	484445		40 41 42 40 44		25 or orf	2 18 7 30 2 19 		" " llons.	
P. M 1 2 3 4 5 6 7 8 9	Longit Curren Variati Water Water Coal c	ion of experience on son	y Chrono ing the tir f the Com nded during model during med during	me pass by A pass by A hand fit if g the pre-	m Forenoon Obknots Amplitude © obknots Azimuth © observeceding 24 hours during the for use at Noon coding 24 hours on	fins. precedi	per h at Su at Su	80.20 80.20 80.18 80.14 80.10	484445		40 412 40 44		25 or orf	2 18 7 30 2 19 		" " llons.	
2. M 1 2 3 4 5 6 7 8 9	Longit Curren Variati Water Water Coal c Coal r	ion of experience on son	y Chrono ing the tir f the Com nded during model during med during	me pass by A pass by A hand fit if g the pre-	m Forenoon Obknots Amplitude © obereceding 24 hours for use at Noon ceding 24 hours con	fins.	per h at Su at Su	80.20 80.20 80.18 80.14 80.10	484445		40 44 42 466 466 "		25 or orf	2 18 7 30 2 19 		" " llons.	

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Steamer Ester" 3° Rate, 6 Guns, Hampton Poache Va.

100								-	1	-	· · ·	100	out e	a	-	
				WEYDS.			BAROMI	ITER.	THO	(PERA)	TUBE.			100		
Hem	Knots	Fathoma.	Courses steered.	Direction.	Ferce.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Ale Wet Bulb	Water nt surface.	State of the Weather, by symbols.	Ferms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Ben.	Record of the sail the vessel is u at end of watch.
A. 3				9.6.	3		29-62	52	45	45		ofra	Hint	0		
2				7,00,	4.6		200	1.0	44	44		tra	%i-	2		
3				"	6		29.60	10	12	1.0		ve "	7he	6		
5				"	5.6		29.69		11	70		00-	Cun h	/		
6				"	"		29.75	47	"	"	100	"	11	40		
7							29.74	45	"				"	"	83	
8				"			29.76	48	4	"		4	"	"		
9				"			29.80	44	"		100	tog		5		
10		1		",			39.82	45	42	42		"		8		
11				2,9,80.	1.		29.83	"	48	48		"	"	9		
Noor	1.			9, 4 8.	3.4		29.86	47	46	45		+	'	11		
-																
			n by Log since pres	eding Noon									knots	fith	oms.	
			D. R. at Noon											'	-	
			y D. R. at Noon	0										,	"	
		3 7 7 7	Observations at No y Chronometer from		tion.									,		
			ing the time				r, setting	to the								
			the Compass by A					20 ED						,		
			the Compass by A											,		
			nded during the pro										220	gal	lons.	
	Water			during the pr	eceding	24 h	OGUES						11.			
	Wate	r remi	sining on hand fit fo										1970	1 .		
			ned during the prec									2 11) (III)	0	lbs.	
	Coal	remair	ning on hand at No	00								63	. 64	1	44	

Р. М.					
1	Ev.	2	29.86 494848	7	10
2		11	29.11 50 46 45		
8	"	4	29.90 52 50 48		
4		4	29.92 53 49 "		
5	9.80.		29.92524746		
6	"		8002 " 44 44	"	
7	"		80 0449 4842		
8			30 05484448		
9	"	-	30.08464140		1
10		"	30.10 " 40 39		
11			. 45		
Mid.	"		" " " "		"
-					

Longitude by Chronometer from Afternoon Observations \odot Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Commence and with 4 akt. Clear Cold. Damp. Light 96 4 keye Come Cloude- Riding to flood. How Nove at 2- Branched five winder four boiler. acrage Stram presence 80 the Temp of hunder 80. Distilling -

From 4 to 8 a.M. Clear and pleasant Light here from The Sumy to est at af function of bunker 14. Dietitling. (Tigued) Wainwight Kellogg

From & to Muid. Partially overcast and cloudy- Wind Howing full from 54.56- Loved Rail to a bowline at 9- at 9-30 Thagelish made signal 3247- Jeneral Court Martial convened at 10-05 . Engaged in heating out for wold- at 10-80 Sent Launch and 1st cutter, in charge of Boatewain, to lively for lost anchor - at 11-15 Flagelije made signal 5955 and at 1180 fulled sail - Phip riding to ett. Flagelije dragged from butte and when brought up bole H. W. W. There fauted under fore boiler. average steam pelience 25th. Temp of butter 68- Distitle in operation_

(Signed) f-K- Organie -From Heriol to 4 9-M. Clear Cool Pleasant Fresh Leve buye Cin Councilousle Gisting to est. at 2.30 Flagship Chifted hur kette at 3.45 made intelogatory 3918 to Flagship, answered 904 Pranted fine muche four boller average change presence 25 lbs. Trump of builder 16. Thopped distilling at 3 PM - Right f. T. Pullivan returned from leave -

From to 6 9. M. Clear Good . Pleasant Light FW. wind - Hack water at 405. Picking to wind . Banked fine winder four boiler - at 5 turned in Lean hammocke at quarter. (liqued) Wainwright Kellogg, Vient-

From 6 to 8 9. M. Owcast and cloudy- Light here from I and We shifting to the Hand With Phip riding to est. avage steam pursue 25 lbe Timps of huken 72° - Five fan ked en du four boiler-

From 8 to Midnight. Overcast with rain and sleet at 11 wind shifted to.
16 th and flow in strong equalle. Let go port anchor and verest to go fatherment and versel to go fatherment than further 25 th. Temps of how feel 68? Prairieta ricing
Examined and sound to be correct.

(Tiguest) J. K. Coge well - Limb-walker, Navigator.

Variation of the Compass by

]	LOG	of	the	UNITED STA	ATES TO	Sauce	u	ile	es	lev					7	nol	Rate, G Guns,
								+	Ya	my	14	ōu	Poo	asle	8	·-	mic, O dais,
Ì					WINDS.			BAROM			MPERAT						
	Hour.	Ensts	Pathona.	Courses steered.	Direction.	Force	Leernay.	Height in inches.	Ther.	-	1	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	A. M.				4			30-10	1.	4.	1.		4	Can			
7	2				"	23		00-10	40	40	41		"	Vau	1		
1	3				"	4		"	45	39	39		"			3	
	4				"	4		4	42	"	1		"	"	4		
	5				"	3	100	80.09	11	88	88		"	Cio Cum			
	6					"		4		,	11			11	5		
	7				"	4					"		4	"	"		
	8				", ,	4				4	11				4	33	
	9				9.46.	41	18	"	14	40	40			"	8		
	10				:			80-07	"	42	12				2		
1	11				9-4W.	4		80.03	46	45	45				8		
1	Noon.				A	4.5		29.90	147	47	47		•		4		
		Dia			. I . V												
				n by Log since pre	ceding Moon									knots	fath	100	
			1	by D. R. at Noon											-	-	
				Observations at N	non O										,	-	
				by Chronometer fro		vation	. 0								,	"	
				ring the time				r, setting	to th	e							
				f the Compass by A		7									,	"	
				f the Compass by A											,	"	
	,	Water	expe	oded during the pro	seeding 24 hours									21	7 gal	lons.	
		Water	1	Doudleur	during the pro	eceding	24 h	ours						78	0		
		Water		sining on hand fit fo										219	0		
		Coal	onstr	med during the prec	peding 24 hours								2 1	оца 72	0	lbs.	
		Coal r	remai	ning on hand at No	00								60	"/38	0	"	
	P. M.							7/1/2									
3	1				921.421	14		19.95	40	45	45		1-	Ci Can	4	3	
	2				w.f.w.		1	29.96	49	47	1	-	"	" " " " " " " " " " " " " " " " " " "	6		
1	8		1		9.85.9 W.	5		19.97	50	0	40			"	5		
4	4				9.00.	4	88	1.1		4	47			4	6	10	
4	5			1000000	9.65.49	8	18	29.91	1	45	44		*	4	9	3	
	6				9,80-	2		19.94	49	44			0	4	0		
	7	-	-		91.20, 48	1-1	1	29.96	48		"		te				
	8				9.80.	12		29.99	"	45	45		oe	11	"		
	9	-			W.M.W	-1	-	80.01		44	48		"	Him			
	10	1			21	1	1	30-10	1	48	12	-	08		*		
	Mid.		1		2 20	×6		80.16	1	25	33	-	059	4	4	-	
		1	1	1	10.10.00	107		00.71	1	00	01	-	089				
		Long	gitude	by Chronometer fr	om Afternoon Obe	orvatio	ns ©								,		
				e by Chronometer fr				*						Marie Co.			
				of the Compass by		erved	at Su	nset									
		Vari	istion	of the Compass by		- 44										10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4 a.M. Overcast-Truzing - Turing-Truste trup with occasional heave equalle H. H. C. Himb cloude- Picling to flood- Clear have-Parafied fine under four toiler- average stram presence 25 the Temp of bunker (Tigued) Richard J. Darrupost From 4 to 8 a.M. Overcast. Freezing Fresh huye with occasional wordware-equally from Not Triste turned ett at 6- Phip swring to wind during watch-blear have- Banked fire under force main boilen- average clean person 25th-Temp of bunger 69: · (Tiqued) Wainwright Kellogy-From 8 to Meriod. Cloudy - Cold - Freeh bruge from No Giding to est. at 845 brought to on part chain. How up part duction. at 9-80 Flagelish made general Righal 82 47. Com 49 Officer left the Chip to attend Court Martial on Flagelish. Banked fine much four toiler. average clean pureun 25 the Timp of tanker 68?

Dignest) F. T. Fullivan. (Tiguel) f. 7. Pullivan-From Meriod to 49-M. Cloudy, cold - Freth H. E. Luge . Hack water at 1-80. Surge to flood at 2 - Banked fine under four boiler. average fureure 25 lbe . Temp of bunker 682 (Ligned) J. K. Cogewell. (Tigued) J. K. Cogewell. From & to 8 9th. Clear Freezing - Right huge from It of Riding to flood. Thuck water at 7 - Banked five under four toilure - average strawn presence 25 the Temp of hun kine 74 . Commenced distilling at 610. (Tigued) Richard J. Daverports Trom 8 to Midnight- Partly cloudy, and cold- Light here from H. M. G. Girling to est tide - Banked the under four toiler - Distilling water average stram 28 lb- Temp of bunkers 80? (Tigued) J. T. PullivanLOG of the United States Trans Cedex"

guel Rate, 6 Guns,

		WINDS.			BARCOMETER.		TEMPERATURE				Powerst	Sear Che.				
Hour.	Knots	Pathona.	Courses steered.	Direction.	Force.	Lorray.	Height in inches.	Ther.	Ale Dry Bulb.	Alr Wet Bulb.	Water at surbes.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in Joths.	State of the Sea.	Record of the suit the vessel is und at end of watch.
A. M.																
1				H.H. 6-	48		30.14	85	82	82		08	Himb	0		
2							30.18	11.	"	"	8	"	"	11		
3				"	57		30.22	84	81	81		"	4	#		
4				N	10		30 26		N			"	11	3		
5				H.			30.80	31		*		0	"	4		
6				It:4 W.	-		30-85	,	28	28		te	Circum	2		
7		333		"			3040		24	24		*	"	"		
8							30. 45					*	"	"		
9				H-	45		30-48	80	29	29		"	"	4		
10				96.4W.			80.50		Y	30				9		
11				W.4 6-					82					5		
Noon.		13		H-	*				88			4		4		
										-						

Distance run by Log since preceding Noon	knots fathoms.
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊕	
Longitude by Chronometer from Forencon Observations ⊗	
Ourrent during the time knots fms. per hour, setting to the	
Variation of the Compass by Amplitude ⊗ observed at Sunrise	
Variation of the Compass by Azimuth ⊗ observed at	
Water expended during the preceding 24 hours	1/7 gallons.
Water during the preceding 24 hours	"
Water remaining on hand fit for use at Noon	2190 "
Coal consumed during the preceding 24 hours	2 tons 520 lbs.
Coal remaining on hand at Noon	58 " 860 "
	MARKET STATE OF THE STATE OF TH

P. M.										10			
1			H.G-46-	4		8048	87	84	38		te	Cilom	5
2			*	3		"	"	80	80		"	"	3
3			H. H. 6-	"		-	4.	29	29			"	1
4			1.6-	4		10			30			-	1
5	-	-	K-	1	13	"	38	30	4			"	5
G	12		"	1	1	"	87	,	N			"	7
7	1	4	4.4.0	1	1	8052	88	81		30	*	9/4	9
8		-	H. H. C-		100		"	80	29			"	
9	-				100		83	"		18	"	Cau	5
10	7	3			100	*	4	"	"	100	4	1	3
11	1	-	^		100	4	86	"	-		"		3
Mid.	100		"	4	1	14	4	4	4	5	"	4	

Longitude by Chronometer from Afternoon Observations ⊗			10
Longitude by Chronometer from Observations *	300000000000000000000000000000000000000		
Variation of the Compass by Amplitude observed at Sunset			*
Variation of the Compass by		,	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communical and until & a.M. Cloudy and cold- Moderate buye from he and both General at 8-80. areage strong presence 30 to Temp of hunter 74° Distilling. (Tigued) f-K-Cogewell Gint From 4 to 8 a. Mt. Overcast Truzing- Misty. Disagreeable - Moderate Well & M. Steepe - Com Mind Clouds - Piding to flood. Hack water at 7-15. Banked five mucher force briller average steam presence 25 lbc - Temp of himken 74° Dichiering - at 7-30 Flag ship made signal 8850.

Tignal) Pichard & Daruping Cinto From 8 to Meride Overcast and cold - Right M.W. heege - Loring to est at 9- at 9-30 Unitered at quartie - at 9-35. Flagship made stignal 8240 - amounted. Banked fine moder force fritie - areage steam presence 28 lbc - Temp of bunker 80° Distilling -28 lbe- Temp of bunker to? Distilling - (Figured) f. T. Pullivan-From Muid to 4 P.M. Overcast and cloudy- Light buye from W.W. at 1.15 sent Bratewain in charge of Januach and 1st cutter to sweep for lost anchor. Plack water at \$15. average Etiam pressure 28 toe-Temp of busper 80° Distiller in operation- Fire banked under four foilur-(Tiqued) f-K-Coquell-Thom 4 to 6 9.44. Overcast Cold heaving during first part, afterwards partially clear and overcast Light buye from Hill - at 4-13 suring to flood. Five tanked under four briles.

(Liqued) Pichard & Danufort From 6 to 8 9.M. Clear Gold. Right buye from 9.M. Plack water at 7.80.

Riding to wind. Banked fire under four boiling Overage pressure

80 the Temp of hunkur 80° Distribing (Figure) f. T. Fullivan Lient:

Trom 8 to Midwight- Clear and cold- Moderato buye from I dand W. Gunt:

Typially Juning to the est at 8. Hautest five under him bolen- Hopped Lieltling at 10. average steam present 30 to Temps of busher 69°.

Examined and found to be correct.

Scallacker, Navigator

(Tiqued) J. K. Cogewell-

Variation of the Compass by

LOG of the United States Thanus "Essex" gud Rate, 6 Guns, Hamplon Roade Va-

												1				a-
				WINDS.			BAROME	TER.	THE	PERAT	URE.		1	24		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Air Dey Bulb.	Alr Wet Bulb.	Water at surfage.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cless Sky, in 10ths.	State of the Sea.	Record of the soil the vessel at end of watch.
A. M.												1000				
1				W.W.	4		3052	86	38	81		to	Cur Him	14		
2				"			30.50		34	"		"	1/	5		
3	13			"			30.49	"	"				"	6		
4				"			30.49	4					"	1		
5					of		80 44	35	33	80		· 0 m		0		
6				*			"	34		29		4	11	"		
7				"			80-45	83	29	"				"		
8				-			80-40	#	28	28					130	
9				"			8046	4	18	80		*	4	"		
10				W-			30-45	4	18	28		"		"		
11	33			H.W.	2		3044	01	31	80		"	"	"		
Noon.				It 11.81	-		80.86					"	"	"		
			by Log since prec	eding Noon									knots		oms.	
		1000	D. R. at Noon											•		
			D. R. at Noon												*	
		1000	Observations at No										1	T.	"	
				m Forenoon Observ									•	•	"	
			g the time		1		r, setting	to the	0							
				Amplitude ⊙ observ		Sunr	ise						•	15	"	
				zimuth @ observed	at										"	
		12	led during the pro										217	gal	lons.	
	Water	00	nioliuno	during the prec	reding	24 h	ours						780		4	
	Water	remain	ning on hand fit fo	er use at Noon									2190	,	66	
	Coal e	onsume	ed during the prec	oding 24 hours								21	" 24	0	Ibs.	
-	0.1											P 2	. 1.			
	Coal n	emainir	ng on hand at No.	on	1							26	" 4	0	"	
P. M.		emainir	ng on hand at No	on ,	1							36	" 4	0	a	
		emainir	ng on hand at No	2/ 1.5	01		80-85	86	#	84					"	
P. M.		emainis	ng on hand at No	2/ 1.5	01		80-85			84.		05 "	au Hum		а	
P. M.		emainir	ng on hand at No	2/ 1.5	01		30-85 80-81			84.		os		. 0	a	
P. M. 1 2		emainir	ng on hand at No	N.W.	01			88	35			05		0 4	а	
P. M. 1 2 3		emainis	ng on hand at No	N.W.	01 02 2 "			88		. 88		05		* *	a	
P. M. 1 2 3 4		emainis	ng on hand at No	N.W.	01 02 2 12			88	35 " 34 "			05 "			a	
P. M. 1 2 3 4 5		emainis	ng on hand at No	N.W.	01 02 2 12 01		8081	88	35	88		05	Cure Him	0 4 4 4	a	
P. M. 1 2 3 4 5		etneinis	ng on hand at No	N.W.	01 02 2 12			88 39 40 41	35 84 85	88 34		05 "			а	
P. M. 1 2 3 4 5 6		etnainin	ng on hand at No	N.W.	0102-12012-		8081	88 39 40 41	35 ° 34 ° 35 ° 34	88 84 88		05 " te	Cure Him	5 8 10	а	
P. M. 1 2 3 4 5 6 7 8		etnainin	ng on hand at No	N.W.	0102-12012-3		3081 3141	88 39 40 41 40 88	35 ° 34 ° 35 ° 34 82	83 34 83 31		05 " te	Cure Him		а	
P. M. 1 2 3 4 5 6 7 8		etnainin	ng on hand at No	N.W.	0102-12012-34		8081	88 39 40 41 40 88	35 ° 34 ° 35 ° 34 82	83 34 83 31		05 " te	Cure Him	. 5 8 10 0	a	
P. M. 1 2 3 4 5 6 7 8 9 10		etnainin	ng on hand at No	N.W.	0102-12012-3		3081 3141	88 39 40 41 40 88	35 84 85 84 82 31	· 83 34 · 83 31 81		05 " · · · · · · · · · · · · · · · · · ·	Cure Him	5 8 10 0 "	a	
P. M. 1 2 3 4 5 6 7 8 9 10 11				N.W.	0102-2012-345.		8081 8186 8044 8044 8044	88 39 40 41 40 88	35 ° 34 ° 35 ° 34 ° 31 ° 31 ° "	33 34		05 " * te * t * " "	Cure Him	5 8 10 0 " "		
P. M. 1 2 3 4 5 6 7 8 9 10 11	Long	ritude l		W.W. W.S.W. Afternoon Obse	0102-2012-345.		8081 8186 8044 8044 8044	88 39 40 41 40 88	35 ° 34 ° 35 ° 34 ° 31 ° 31 ° "	33 34		05 " * te * t * " "	Cure Him	5 8 10 0 " "		

Donnences and until 4 a. M. Clear. Freezing. Light S. Mr. breeze. Bright obarlight. Black water at 2.45. Butung to flood, at 3.30 Banked fire muder two boiler. average steady pressure 25 lbs. Semp. of bunkers 69-

(Signed) Richard G. Davenport From 4 to 8 a. M. Clear and cold. Light variable aire. Riding to flood tide. At J. 30 Flagship make general signal 3 350 l At J.50 preparating 5456, and at 8 oclock 5456. Loved sail to a bowline at 8 ofclock Banked fires under two boilers.

average steam 30 lbe. Temp. bunker 69° J. J. Bullingu

Leut. From 8 to Merid. Clear and pleasant. Sight air from 8th at 9.38 implected at quarters and exercised 1st Div. At great gume; 2. Div. at enall arms. 3. Lection of boys received finstructione in Ship survey to col at 9.00. Of 11.20 made Imparatory 4826 and at 11.30 48 26. Fulled sail and mibert mainsail I average stram presure 30 lbs. Temp. of bunkers 68° Fine banked under two boilers. Court-martial in session on Flagship. (Signed) J. N. Cogswell

From Meid to 4 S. M. Clear Sleasant Light bruge from St. maintoproget starpail Riding to 286. Black water at 3.45-Banked fire under two briles. average steam Tolks. Temp. of brukers 68: (Signed) Richard F. Davrugert

From 4 to 6 P.M. Clear and pleasant Light S. Vr. breege. Sunning to flood at 5.30. Pranted fires under two boilers.

(Signed) J. Jullivan

From 6 to 8 P. M. Clear and pleasant Light breeze from 8th Glack water at 7. 30. Fire banked mides two boilers. average Glack water at 7.30. sure of Signed & Cagewell Sien

Dient. From 8 to Midwight. Clear. Cold. Daugh. dight S. W. breeze Cum-Dir. clouds. & requigte 266 at 8.00. Branked fine under two boilers. average steam prosesse 25 lbs. Semp. brufere 69. Davrupert

Asaltalker, Navigator.

dient.

Thamer "Essex"

Jack Rate, Guns,

								18	ai	uje	lo	in a	rad	i	8	Ca.
Hour.	Knots.	Fathoma.	Courses strered.	WINDS. Direction.	Ferce.	Leeway.	Beight in inches.		Alr Dry Bulo.	Air Wet Bulb.	-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M				S. W.	700		36.44	36	30	20		L.	None	10		
3					*		1	35		31		,				
6 7				Calu	2-10		30.48 30.50	35	29	30		f.e.	bis Mr	98		
9 10				E. S. E.	1 4		30.5%	36	28	27 28 30		•		8.		
11 Noon					2		30-59	39.	39	33						
	Latitu	le by	D. R. at Noon	coding Noon									knots .	fisth	oms.	
	Latitud	le by t	Observations at No	m Forenoon Obser			r, setting	to the	0							
	Variati Water	on of		mplitude ⊙ observe	ved at								217	gal	" lons.	
	Water	remai	ining on hand fit fo	during the pro	ceding	24 h	enpo					2	555	5	1	

Coal consumed during the preceding 24 hours

Coal remaining on hand at Noon

1 toes 460 lbs. 54 "2220 "

2 2 30.46.48.48 42 b.e. 6ii. Cam-4 2 30.40 " 44 " 6. e. 6ii. Cam-4	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
8. St. 1 30.385050 77 1 3	100
4 3 4 7	
5 2 20.36484643 , 5	
6 3 3037 " 444 " " Gran. Oh. 6	
7	
8 4239 . 5	3
9 4040 6	
10 47 8 6 7	
11 1 1 1 8	
M5d. 4 4 4 4 4 11	

Longitude by Chronometer from Afternoon Observations Θ

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

under the command of Commander H. S. Schley , U. S. Navy, Friday January 12th. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Donuveucer and rutil 4 81.1 Saitly cloudy, and cool. Light-breeze from S. S. N. Slack water at 3.50. Fire banked willer two boilers. average steam 35 lbs. Thup. bunger 74: From 4 to 8 a. M. Cloudy and pleasant Dight airs from S. W. Evenage Steam of flood at 5.06. Flagship made signal 3850. Average steam fresure 35 lbs. Temps. bunkers 75° at 7.45 Printa got underwrigh. (Signed) J. K. Cogswell From 8 to Merid. Overcast first part of watch Daup. Sight aire from No 3182 Black water at 9.30. Burning to 266 at 11.00. at 8.59 Blagship made Imparatory general Rignal 6144. at 9.05 quebral signal 6144. Crashed Top gallet fands. "Pairaic Montduk' and "Wyandotte got underwight and steened for Norfolk- Ongaged in scrapling space. Banked fires unde Two boilers. average steam 25 lbk - Temp of bushers 66: Signed Kichard J. Davenport From Merid. to 4 P. M. Clear and pleasant Sight E. N. E. breeze. Riding to Ebb. at 300 Robesian Man of Fran braing a Klas adjustrals flag came in right and anchored at 3.40 Or 345 Russial Man of War field a Kational valute and war ausword with a similar salute by Flagship. Immediately of terwards Russim Man of War flied a salute of 13 guns and was ausword by Flagship. Banked fires under two briless average steam to the Tunks of bruken 68. Signed John J. Sulligan Bigned John J. Sulligan From 4 to 6 P.U. Clear and pleasant Light airs from St. Ship suring to flood at 4. 30. Fires fanted mide two boiler Dignedy K. Cogswell. From 6 to 8 P. U. Clear. Bleasant. Sight airs from & . Riding to flood. Banked fires under two bilen. Average steam 188 lbs. Demp. of brukers 64. Distilling. (Digned) Richard G. Davrupert From 8 to Midnight. Clear and pleasant Dight S. W. airs. Surring to Ebb at 9.30. Fires banked under two boilers. average stram 30 lbs Temp. of brukers 75. (Signed) John I. Jullivan Lient Examined and found to be correct. Asalvacker,

LOG of the United States Sleaver Essex 3d Rate, 6 Guns, Houngston Roads Va.

			, 0	nu	n	Jaco	n	0	10	a	as i	n.			
	101		WINDS.		-	BAROME	TER.	TEM	PERAT	UMB.	RES DE		94		
Hou	r. Knots.	Courses steered.			19.	Holobs in	The	Air	Air	Water	State of the Weather, by symbols,	Forms of Clouds, by symbols.	of Clear in 100bs.	State of the	Record of the nill the version at end of water
	r. Knots.		Direction.	Force.	Leemay	Height in inches.	att'd.	Air Dry Bulb.	Wet Bulb.	Water at surface.	oy symbols.	symbols.	Prop.	Bea.	
A. 3						1339					1000	1000	1559		
1	100		-lolm	v		4			"		1	1	-		
			D. D. 41.	1		30.37	43	41	40		6.c	bane.	3		
2			"	4		45	4	4	4		4	11	2		
3	133	and the second	"	1			46	42	41			- 1	5		
4			,"	-		30.36	-	-				"	6		
5			0. m.	1	100	20.38			40		9	,	5		
6			11	11.		30-40		44	43			Courstr.	3		
7			4	0-1		20,43						1	N		
8						30-44	1 "		44			11	4		
9			N. N.E.			30-48			43		,		3		
10	13 3		NE			-		42	42			Vii Cum			
11				1		30.46	117	114	(13	-	,	Cit cini			
Noo			Chil			34 111	47	45	47			1	5		
- Louis			0.09 11.	-	-	10-47	00	40	1		+	-	0		
	Distance	run by Log since pro	eceding Noon									knots	fath	oms.	
		by D. R. at Noon	and aroun									Allois	, intro	ouns.	
													-		
		e by D. R. at Noon											***		
		by Observations at N											-	."	
		e by Chronometer fr	om Forenoon Obeer	vations	0								'	"	
	Current	during the time	knots f	ins. per	r hou	ır, setting	to the								
	Variation	of the Compass by	Amplitude ⊙ obser	red at	Sunr	ise							'	"	
	Variation	of the Compass by .	Azimuth O observe	dat									'		
	Water ex	pended during the pe	receding 24 hours									214	gal	lons.	
	Water 4	endeuseo	during the pre	ceding	24 1	ours						730			
	Water re	maining on hand fit	for use at Noon								2	190			
	Coal con	sumed during the pro	eceding 24 hours								, ,	ons /2	0	Ibs.	
	Coal ren	naining on hand at N	000								52	" 191	0	46	
-											24	1/0	V		
P. 1	L		100000		100										
1			818	1			F.				1	1.1			
9			E. N. E.	1.2	100	36-41	32	-	50		b.c.	Occ. Own			
2			-	1.2		30-40	54	49	48		4	4	3		
4	2000		100	1		30-38	53	48	4			4	3		
			8.8.8.	4		30.36	4	46	46		4		8		
100			O.	07/		30.38	48	41	42		-	4)		
			01-	1	25	11	46	40.					6		
			0.5.6.	10		4	44	41	4				0		
			8	-	100	11	46	43	43			Shr.	9		
	9		8. 5. 8. Calu	0		30-38	46		4	133		Cum Str.	3		
1		A CARLON	8. m.	1.7		30.36	48	-			,	4	7		
1	7000		1	3	1	3034				1		100	3		
М	id	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1	30.31	1	-	1	1		3	-		
-			H	1	1		14	1	1	-	,	4		-	
	Longit	ade by Chronometer	from Afternoon Obe	ervatio	ns ©	Wasi.							,		
		ade by Chronometer				*								*	
		ion of the Compass b		erved	at Su	inset							,		
		ion of the Compass by		at									,		
														-	777

under the command of Commander H. S. Schley Saturday January 13th, , U. S. Navy, , 1874. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until & a.M. Cloudy. Gool. Heasant. Freshning. S. W. freeze. Ci. Cam. clouds. Riching to Ebb. Banked fires under too briler. average steam fresure 30 lbs. Temp. of burker 80°-(Signed) Richard G. Davruport From 4 to 8 a. M. Cloudy and pleasant Moderate breeze from S. N. During to flood at 6. to. avelage steam for crow. Ilagohip middle signal 3350. Distilling Signed J. K. Cogswell, Lieux. Amsian Man of War, got underweigh and steamed Toward Norfolk. At 1000 wind suddehly skifted to North Held runny on Catamaran. Slack water at 10.30. Sung to Ebb at 11.03. Pranked fires under two boilers. arrage prossure 35 lbs Semp. brukers by 8. Distilling. (Signed) John J. Bullivan from Merid to & P. U. Overcast and cloudy. Light briege now Korfolk. avrage steam \$5 lbs. Temp. of brukers 98 - Stopped I distille at 12.15. Thile banked muder two boilers. . K. Cogswell (Signed) Leut. Jam 4 to 8 P.M. Overcast. Light N. E. aire. Black water at 4.15. Survey to flood at x.50. Ensign S. C. Lewely, reported for duty by order Real Glack John ME andle 1.C.F.) Walter Garter (1.C.F.) Mm. D. Saddler (2.C.F.) Michael Juny (2.C.F.) Fredk Cashenau (1.C. F.) and Thomas Curley (3.C. F.) returned from temporary duty on "Montank" Received from Navy yard Norfolk 150 fathous of 4 wich 4 strand hemp. and 60 fathones 4/2 nich 3 strand hemp. Banked fires muder two boilers. average stegue pressure 24 lbe. Temp. of brukels 80° (Signed) Richard J. Davrupyst Anni8 to Midnight Overcast Light N. 84 airs. Sung to 366 at 9-43: Ties banked under two bollers. average steams pressure 35 lbs. Tempof brukere 752 (Signed) Jano. J. Sullivary Examined and found to be correct. Scallacker, Navigator.

	Campton &	Noade Va.
	WINDS. BAROMETER, TEMPERATURE	1 2
Hour. Knots. g Courses steered.		State of the Forms of OS State Record of the sail the v
Hour. Knots. g Courses steered.	Direction. Force. Height in Inches. Ther. Dry Wet at Bulb. Bulb. Bulb.	by symbols. symbols. Sen.
		100
A. M.	0.1-	1 00
1	S. 91. 3 30.26 48 42 42	6. c G. Cun. 9
2	11 3.4 30.25 1 45 45	4 4 4
3	. 4-5 30-24 49 48 48	" 3
4	4-6 , 3050	
5	5 30.2050 49 48	a Cir. Mr. 5
6	l luk	(
7	4 30-18 " "	1 4 3
8		
9	1-1 of 3 3 00 51 (10)	
	N. h. W. 3 30.2051 49 50	1 1 1
10	1.11.10. " " 4647	
11	1 4 30.21 50 44 45	O. C. Minb. 0
Noon.	N. 6. 4 48 4344	0.c.r
Distance run by Log since pro	sceding Noon	knots fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at N	ion ©	
Longitude by Chronometer fr		. , ,
Current during the time	knots fins. per hour, setting to the	
	Amplitude ⊙ observed at Sunrise	
Variation of the Compass by	Azimuth © observed at	• , "
Water expended during the p	receding 24 hours	717 gallons.
Water	during the preceding 24 hours	-
Water remaining on hand fit	for use at Noon	2555 "
Coal consumed during the pre	oceding 24 hours	/ tons 660 lbs.
Coal remaining on hand at N	oon	51 "12 60 "
	Television of the Control of the Con	37 /200
Р. М.		
1	KK 9	1 40
2	N.N. C. 2-3 30.25 48 44 44	o.c. Canallina o
	" " 30,23 " " 4	0 0 1
8	. A BO. 22 4 43 .	4 4 4
4	100000000000000000000000000000000000000	1 4 4
5	6. N. 6. V-2 , 46 . 42	0. 4 .
6	Calus 0. 30.21 " 4141	
7		
8		
9	N. 8 " " " " "	hi /
10	N. to. 4-1 " " " " " "	mub.
11	8 4 4 4	0. p. "
Mid.		7
AUG.	30.18	4 4 6
	from Afternoon Observations ⊗	. , "
Longitude by Chronometer		and the last list of the last list list list list list list list li
Variation of the Compass b	by Amplitude observed at Sunset	

Variation of the Compass by

under the command of Commander H. S. Schley , U. S. Navy, Sunday January 14th, , 1877. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 a.M. Overcast and calm. Riding to (Signed) J. K. Cogswell Lieux From 4 to & a.M. Overcust. Cold. Damp, Calju first part of watch. Light N. by E. breeze latter part. Com. Ninel. cloude. I black water at f. Surling to flood at 4.45. Bunked fires under two trilere. average steam foresure 35 lbs. Temp. bunkers 76. at 7.36 Flagship made \$350. (Signed) Richard & Davuport Jum 8 to Meid. Overcast and cool, foggy last home. Light wind from N. E. Com. Nineb. clouds. Slack water at 10.30. Being to Els dr 11.00. Divisional inspection at 9.30. Commanding Officer inspected ship and crew at quarters at 9.45. Called all hands to muster at 10.00 and read prayre. Banked fires under two toilue. Avrage steam proseure 25 lbs. Temp. bunker 70: (Signed) Sam. C. Lemby. Chriga Som Merid to 4 P.M. Vartly overcast Light breeze from Nog &d Or 1.00 P.M. visiting party left ship for D. S. S. Cutford. Party returned at 3,00 also received on board visiting party show Hartford. Strike hankel under Not borler - Signed) J.T. Pullinger Hartford". Ship riding to Ebb. Steam pressure Golbs. Blup. From 4 to 8 P.M. Borreach with light aire from Mand 6. at-4.40 Flagship made general eignal 2985. Plack water at 5.80_ Suring to flood at 6.80. At 445 started distiller. Banked fine under two boilers. average pressure 21 lbe. Temp of hunker 180 Gigued J. K. Cogswell Links From 8 to Midnight - Overcast and cool, with light 6th aire-flack water at 11-15. Fine banked under two boilers. Distiller in operation. I team pressure 30 lbs - Temp of bunker 80°-(Tigued) Fam ! C. Lunly Enrique Examined and found to be correct. Seulvalker, Savigator.

LOG of the United States Steamer Cokey" 3rd Rate, 6 Guns, Hamplon Roade Va-

WINDS. BARDOMETER. TEMPERATURE. \$ 6																	
					WINDS.			BAROME	TER.	TEM	PERAT	URS.			24		
	Hear.	Knots	1	Courses stoered.	DE PROPERTY	100	6			Ale	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State	Record of the sail the vessel is under at end of watch.
			Pathon		Direction.	Ferce.	Leerny.	Height in inches.	Ther.	Dry Balls	Wet Balls	Water at surface.	by symbols.	symbols.	Sky, F	Bea.	
			6			-	7								400		
	A. M.				3.0												
	1				H.G.	,		30-30	11	4.	41		-	Hint	0	100	
		-			10.0.	1		00.00	77	14/	7/		or				
	2				4	*		4	"	41		100	"	"			
	3	35			"	2		*	4	"	"		"	.14			
	4	100			"	11		3028	111	"	"		"		4	33	
		100			HN.E.	4			1.	1					"		
	5	100		2000000	10.10.0.	-		30-24	43	72	"					1	
	6				"	11		"	"	4/	-				*		
	7				"	4		30-22	4	"	*	198	ort	"			
	8				"	4		4	4	"	"		,		4		
						1.9		0	11	"			"	"	"	77	
	9	28			"	12	-	8021	**		-						
	10	30			4	04		30-18	11	4	*		*	*	"	100	
	11	33			H.M.W.	"		"	46	43	42		*	*	"		
	Noon.	133	-		4			30.17	ir	"	"		of				
	240000	1	-				1	001/					1				
								-									
		Dista	moe n	un by Log since pre	ceding Noon									knots	fath	oms.	
		Latin	ade b	y D. R. at Noon												*	
																"	
		-															
		Latitude by Observations at Noon * ' Latitude by Observations at Noon * ' *															
		Latitude by Observations at Noon ⊕ Longitude by Chronometer from Forencon Observations ⊕ ""															
		Corre	ent de	uring the time	knots fi	na. tw	er hou	er, setting	to th	0							
						-			00 811						,		
					Amplitude ⊖ observ		Sunr	ise								7000	
		Varia	tion o	of the Compass by	Azimuth @ observed	at										"	
		Wate	r exp	ended during the pr	eceding 24 hours									23	5ga	llons.	
		Wate	w 1	Por al	during the pre	codin	94 1	homms.									
						Cum	6 24 .	TOWN D						10	0		
		Wate	or reu	naining on hand fit i	or use at Noon									2/	90		
		Coal	const	amed during the pre	ceding 24 hours								/ t	000 26	50	lbs.	
		Coal	rema	ining on hand at No	oon								49	" 42	0	66	
													1				
	D M	F				-									-		-
	P. M	1					100	200	-	153		130		1000	100	133	F10130 J T000
	1	100	15		Calm	0	13	30.12	47	43	4	100	of	Himb	0	100	
	2	183			"	"		30-10	1	N	"		1	"	4		
	3	1			dor	-	-	0010		1.1	1.0		"	"	N	1	
	-	-	1		7-80-	04	-	9008	-	74	73	-		-	-	-	
	4	146	15		",	"	-	"	"	4	18		"	H	"		
	5				99.20			80.06	46	45	11		"	4	*		
	G		1	The same of	"	"	100	"		"	"	100	"	4	4		
	7	1	1		4	4	1	"			4	1	"	4	"		The second second
		-	1	-	-	1	-	1	1	1	,	-		-	-	-	
	8	100	1	1	-	1	1	80.04	447	44	4 "	130	"	"	"	1	
	9		10	4000000		1		8002	48	140	44	4	"	Com 92	4 "		
	10	1	(N	1 4 17 19	"	3	1	29.90	949	948	41		4	4			
	11	1	9		do-	0	5	100	16		. 1	4	te	-		1	
	Mi	2	-		7.00-	0	-	29.97	100	000	21	-	oc .		13	1	
	-	-	-		-	12%	7	79.95	20 5	200	90	2			"	-	
	-	-			The same of the sa	-	1		-	1	-			-		-	
		Lo	ngitu	de by Chronometer i	from Afternoon Obs	ervati	ons 6	0								"	BANK BANK
				de by Chronometer				*								"	
				on of the Compass by			at S								,	"	
							at B	amen									
		VI	ristio	on of the Compass by	Y	at									'	*	

Tournenced and butil 4 a.M. Overcast and rainy. Light air from the and & Tourney to est lide at 12.05. Time tanked linder two boiler average steads 27 lbe Tunge of trumpus 7.9. Fullian-From 7 to 8 a. M. Overcast, Continuous sain- Light huye from he and 6d Foggy- Jung to the flood at 5.80_ average steam pressure 25 the-Tump of hunfus 65- Distilling. Signed & K. Coowell (Tigued) F. K. Cogurell From 8 to Muid - Overcast Foggy. Rainy- Last hour light ain from Hot and 6 " shifting to Willand What Hack water by 10-80 at 11.80 Swang to the est. Fine fanked under live boiler. average steam present 30 lbe - Temps of free been 80° States distributed stram persone 30 lbe - Temps of but bue 80° Stopped distilling at (Tigened) Richard J. Davupal Lieut-From Muid to & P.M. Overcast and foggy, calm first half, light aire from It second half of watch. Thispeed fort accommodation ladder. Fine banked ender two toilers. I team presence 30 the Temp of bunker 80: Riding to ett lide.

Signed) Tambo Lemy Eneign. From 4 to 8 PM. Overcast and foggy with light airs from Itans Wa Riding to est. Hack water at 6. Turing to flood at 7.45. Pranticol fine under two boilers - average pressure 22 lbe Timpe of bunken 80° Signed J. T. Tullivan Link From 8 to Midwight Dorcart Mann. Very foggy Riding to flood and across lide first part of watch. Iwang to it at at 1145 Trushming wind with occasional warm puffs from I.W. Banked fire emple two toilers. Tungs of bunker 70. Awage steam presence 25 lbe-Tigued Richard J. Dayupat ZientLOG of the United States Stance Essey" & Rate, 6 Guns, Hampton Roade Va-

sail the vessel is under-ed of watch.

								/		1				
		WINDS.			BAROME	TER.	TEM	PERATI	URE.			10 16		
Hour.	Knots. S Courses steered.	Direction.	Force.	Leeung.	Height in inches.	Ther.	Air Dry Bulb.	Alr Wet Bulb.	Water at	State of the Westher, by symbols.	Forms of Clouds, by symbols.	Prep of Clea Sky, in 10ths	State of the Sea.	Record of the material
1	6			7			-	-		170500000		420		
A. M.		dela.	-							,				
1		J-J-W.	35		29.90	58	51	51		began	Cun Him	16		
2		4	3.4		"		*	"		6 9 m	"	0		
3		, ,	3.5		"	54	58	58		"	4	4		
4		9.20.49.	11		"	"	"	4		"		11		
5					4		54	54		teg	"	1		
6		"	11		29.92	55	"			"	*			
7		"	N		29.94	56	55	55		"	"	1		
8		. "	"		29-96	57	56	56		"	11	"		
9		8459 85	11		30-00	58	57	57		omq	"	4		
10		"	3		80.04	"	"	56		"	11	4	100	
11		925	2		4	"	"	54		1	4	0		
		J-0V-	1		"	50	55	55	100	17	0	2		
Noon						0/	00	00		act	Cee Ceen Man	1		
	Distance run by Log since pre-	ceding Noon									knots		ioms.	
	Latitude by D. R. at Noon											1	"	
	Longitude by D. R. at Noon												"	
	Latitude by Observations at No	00m ®												
	Longitude by Chronometer fro	m Forenoon Observ	ration	0									M	1
	Current during the time	knots fi	ma. pe	r hou	er, setting	to th	е							6
	Variation of the Compass by A	Amplitude @ observ	red at	Sunr	rise								"	12.00
	Variation of the Compass by A	zimuth © observed	i at										14	Part of the Part o
	Water expended during the pr										17:	5 ga	llons.	
	Water	during the pre	cedin	- 94 1	homes						1,		44	130000
	Water remaining on hand fit i											5	44	
	Coal consumed during the pre-									1.	255	50	Iba	1000
													100.	
	Coal remaining on hand at No	on								7/	" 15	00		
P. M						100							16	The second
1		41421	1-2		0		100	62	750	1.1	Crue Him	, ,		
2		W. H. W. W.	1-2	1	80-02	60	60	64		oct	USANC /SAN	"		1700
3		H.W.	01	1		62	61	61	-	",	"	1	100	
4		21 00 01	0.1							of	"	0		
-		H. W.W.		-	80.06					,"	1000	11	-	
5		1	1	1	80.01					be su	"	4	-	-
6		16.00	-		30 12					"	"	1	-	100000
7		M.M.G.	13	1	30/1						"	6	1	-
8		"	3		80.21					te	4	7		1
1			2	1	80 80							1	1	
10		"	"	1	30.8	451	14%	47	1			8		
1	1				80.8	4 "	40	46	-	"	"	1		
M	id.		"		30.81	8 "	4	"	13	"		3		
Mana			-	-	-	-	-	-		-		1	-	
	Longitude by Chronometer f	rom Afternoon Obs	ervati	ons 6								,		
	Longitude by Chronometer i				*								-	1
	Variation of the Compass by	Amplitude ob	erved	at S	unset							,		
	Variation of the Compass by		at									,		

Commence and with & a.M. Cloudy but pleasant Und full in Equally from 9.W. Sea module- This siding to it lide. Time tanked under tur foilur. Them 25th. Temp of brunker 68- Pigued) Sam! C. Limby Curigu. From 4 to 8 a.M. Cloudy and warm. Wind squally from I and With. Through of flood at 7-45. Banked under two boiler. average steam 15the Temp of bunker 80° at 7-80 Flagelijk made signal 8850. From 8 to Merid - Overcost and foggy- Truck being from I and Wil during first two hours - Exercised during last two- at 9-30 inspected at quarter - Exercised 1st Div small arms, 2 und Div single sticks - Fourth section of toy's received instruction in seamonship after quarter - This stiding to flood. Plack water at 11-30. average steam 25 lbe- Temp of bunker 76° Fine banked under wo bother-Tigrust) J. K. Cogswell Link. From Muid to 4 P.M. Overcast Foggy Wann. Light aire from Ho and With Turing to ett at 12-30. Och 3-30 Flag chip find salute of 18 grue in honor of Russian admiral - Board of Survey composed of B.H. Black, It B. F. Tilly and June alter came aboard to examine state of majazine flood cock and hore. At \$45 hoisted pilot flags at fore. Banked fine under two toilur. average steam freewer 25 lbe. Temp of trunker 74° By order of Rear adminal Trunchard, Midshipman Q. Henduson was detached from temporary duty aboard Tinta and ordered to returne his dutie aboard this ship. (Tiqued) Victord J. Daverport From 4 to 8 P. H. Cloudy first part, wind hauling from H.W. to 980; and sky cleaning towards close of watch. Com Mint clouds, barounting sing at 4.05 Tilot came outrand. Icrafed top of hammock saile-Hoistilling at 6. Temp of trucker 74. Theam 25 the Hack water at 6. Town of thought bound first hour, afterwards clear. Moderate bruye from to Midnight. Cloudy first hour, afterwards clear. Moderate bruye from to and 6. Thomas It the est at 1.45. average steam freeze 25 the Truck of themper 72. Sistille in operation.

Resemined and found to be correct. (Tigued) J. N. Coglwell-Asalvalker, Lieut. Navigator.

Variation of the Compass by

LOG of the United States Steamer Essey" 3rd Rate, 6 Guns, at auchor off Hospital what Worfolk Va.

Ut auchor off Moephial what Norfolk of													
	WINDS. RADOMETER TEMPERATURE.												
Hour. Knots. g Cou	rece steered.				-				State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State	Broard of the soil the vessel is under
Hour. Knots. & Cou	Direction.	Furce.	Leeung He H	ight in obea.	Ther.	Dry	Wet	Water at surface.	by symbols.	symbols.	Prop of Sky, in	Sea.	at end of watch.
8			7			Arann	Dane				48		
A. M.	1000												
1	1676	3	30	.36	49	45	40		te	Com Frie	47		
2	N.6.46.	4	80	1	"	40	48		"		-		
3	2/	8.5	0	42	44	43	10		teg		8		
1	70.		00	13	%	70			1				
4	3/0/8	3	00	XX	NO	-			,			-	
8	H.H.G.	"	80	48	14	-			te	*	7		
6	61011	-	30	-54	"	*	40		*	"	8		
7	H.6.7H.	de	30.	56	48	40	. "		N	"	1		
8	W.H.G.		30	*		41	44			//	1		
9	"	3	8	2.60	44	42	"				1		
10		4		. G2		10	4,		0	"	"		
	4844				2	10	1			*	"		
11	100.10	18	50	64	16	45	44	83	"		-		
Noon.	1.6.70.	-			"	24	4	300	*	"	*		
					-	-				-	-		
Distance run by L	og since preceding Noon						100			knots	fith	oms.	
Latitude by D. R.	at Noon											"	
Longitude by D. I											,		
											,		
Latitude by Observ													
Longitude by Chro	mometer from Forenoon Observ	ntions (9							-	,	"	
Current during the	time knots fi	ns. per	hour, se	stting t	to the								
Variation of the C	ompass by Amplitude ⊗ observ	ed at S	unrise									"	
Variation of the C	ompass by Azimuth @ observed	at									,	"	
Water expended d	aring the preceding 24 hours									125	- onl	lons.	
Water Cous		ading 6	at home							170		d d	
		counig .	ow moun							100		100.	
	on hand fit for use at Noon								1	1/9	,		
Coal consumed du	ring the preceding 24 hours								4 0	ms //4	0	Ibs.	
Coal remaining on	hand at Noon								43	" 36	0	66	
									30.000				
P. M.		F 10	100										
1	696	3	2	- 68	40	44	11		or	Crembian			
2	6.K.C. N.4.C. U.N.C.				70		44		,	Vandun			
3	2018	2-3	00	-62	4	N	10		ort	-	"		
	M.M.G.	"		"			43		,	"	"		
4	*	"	30	-64	47	4	48						
5	H-	"	30 00	"						"			
6	W.420.		30	.66									
7	H.W.			-64	48								
8	"	3		1-62	1	4.	4.		"				
9	0/		00	-64	7/	1	1			ai.			
10	0142			"		41	7/		or	Hint		-	
	10.70.	3.4	8	0-64	"	N	40	-	02-82		*	-	
11	M.H.G.	8	23	4	46		"		od		*		
Mid.	6.H.G.	1		"	"	20	41		"	"	*	100	
			-				-		-	-	-	-	
Longitude by Chronometer from Afternoon Observations ©													
	ronometer from Observations			*								-11	
		erved at	Sunset	THE							,		
Variable et al.	0.00		- Land	-								-	

Communces and until & a.M. Clear Cold Damp. Moduate U.G. 4 Luye, Com Mint-cloude - Survey to est at 1-30. Banked fine under four toilur - average steam January 23 lbe- Tunge of bunkur 7 3:

(Signed) Richard J. Lavenfort Lient-From 4 to 8 a.M. Clear and cool, with moderate huye from N.C. Clouding over last home - at 4 octock started five under four boilers. Average steam plessure 25 the Temps of bunker 70° Distitler in operation - at 4-80 a side wheel Steamer anchored abieast this ship and burned carbon light, from, White and Red. Flagelife answered. at 7:30 Harford made 3850, answered-

Tigued) Sam & C. Lewey Enrique.

From The Merid. Overcast and cool. Light heeze from Mand 6 the Riding to flood at 135 hought to the board clean and hove in to to fathour. at 9 feitot came abraid. at 9.80 Pear admiral Truchard, atraid. Hoisted his flagat 9.35 got unsluway. at 10.55 came to anchor off thospital what in 8 % faltione water vered to 15 fathour cleane - admiral visited "Ivettana" Alse Saluted with 13 gune, "Towhatan" returned with 13 gune. Lient & Kellogg returned from leave. Draft of ship forward 13 feet, aft 14 feet 6 in Banked fine small all boiling. Overage steam persone so be- Truck of bunfie 86. (Tigued) f. T. Pullivan

Lieut. Trom Muid to 4 P. M. Overcast cloudy and rainy Light being from Wand & Llife riding to ett. at 140 admiral Tructioned left chip and at 1.45 hauled clown flag - average eleane 55 the Timp of bunkers 90° Time tanked fine under all toilie - of

(Signed) J.K. Craswell Link-

From 4 to 8 P.M. Overcast. Rainy. Misty-Light Hy Fleeze Made interopolary 4890. at 4.20, in answer, "Powhatan" shade signal 904. got underway at 4.30, Steamed up to Havy Gaed. at 6.45 secured head and Stein to morning bours. Banked files - Clouage fullene 55 la- Temp of bunker 95 lk. Ut 6.45 pllot left the ship-(Tigned) Richard J. Davuport

fint-From 8 to Midnight- Overcast and rainy with module H. C. 4 huge, first how falling to light and hauling to 6 allowed fine to die out in six and banked first in two remaining boiler- Distille in operation awage steam 30th- Temps of bunked 9 & Giarred) Samt C. Sunt 195° Signed Yam! C. Lewely Chinga.

Examined and found to be correct.

Asaltaiken Lieut. Navigator.

Variation of the Compass by

LOG of the United States Steamer Essey" 5" Rate, & Guns,

he sail the vessel is under a end of watch.

						1	1				1	700				
1	100	-		WENDS.	36	-	BAROME	TER.	THE	PERAT	TRE.			34		
Hour.	Knota	Pathoma.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulk	Air Wet Bulb.	Water at surbos.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 19ths.	State of the Sea.	Record of the
A. M									1	783		District on the last of the la				
1				H.6.	3		30.64	1	4.	1.		omr	Himb			
1				01	0		00.67					oner	runo			
2	100			H. W. W.			80-65		39							
3	1			1010.a.	1		90.00	45		88		or		100		
1	13			,			200	1	00	"		"		-		
5					100			42	89	"			1			
6				01			80.66	4	,	39	-	0	,	-	-	
7	100			16-	133			-	40	40	-	or				
8				"	*		"	11	41	*		*				
9	-			"	*		30-67	44	-	*			*			
10				6/012	*		*	"	1	1						
11				MM.O.	-		80.64	*	42	41	23		"			
Noon				"			80.68		4	*			*			
have						-										
	Dista	noe ru	n by Log since prec	eding Noon									knots	fisth	oms.	
	Latitu	de by	D. R. at Noon													
	Longi	tude l	by D. R. at Noon												"	
	Latitu	de by	Observations at No	on 0											"	
	Longi	tude b	y Chronometer from	n Forencon Observ	stions	0								,	"	
			ring the time				r, setting	to the	e						200	
			f the Compass by A													3
			f the Compass by A											,		1000
			nded during the pre		-								225	,	lane	
	Water		mana during me luc	during the pre-									215		10018.	
			alalan on hand do do		euing	29 1	POGETS .									
			aining on hand fit fo									,	255 0008 116 144	9		
			med during the prec									1,0	ons // 6	0	lbs.	
	Coal	remai	ning on hand at Noo	OC .								41	" /44	0	44	10000
D 14																
P. M		-		0/0/2	-			- 100	1	1			2.			
1	12			W. H. E.	04	-	8060	20				or	Himb	0		
2	1	100		"	4	-	"	"	42	"				N		
3	100	1	SEE 25 1953	"	"	-	30-58	47	44	43		4	"			11/1/1/1
4	100	100	2348230			1	80-57	48	45	44						48.33
5	13	135	10000		1	33	30.54	49	"	"		od		A		
6	1		-Y-56-26-3	"	"		"	50	4	"	1	d	,	"		
7	10			"	-		*	"	-	4	100			H		
8	13	18	10000	HMW.	14	13	4	-	"			A	4			
9	9	1					80.55	49	44	43			4			
16			1	H.W.	1		80.56					one			-	
11		1					80.55			44		-		11		
Mi	4.	1	13000		"		30.54		45	43	1	*	"			
-	-	-							-	1	1			-	-	
	Lon	gitud	e by Chronometer fr	om Afternoon Obse	evatio	ns ②								,	,,	
			e by Chronometer fr				*						M-1.			-
			of the Compass by		erved	at Su	meet							,	.01	

Communes and until 4 a.M. Greecast- Rainy- Cold- Diagreade. Right air from 9d and Et d. Banked fine under list boiler- average formene 35 lb. Trunk of bunker 105:

(Tigued) f-T- Fullivary

Rient-From A to 8 all. Overcast, cool, rainy- Right been from Hed Flood tish. Ban bed five surely two boilers - Heave to the Truly of bruker 65. Distilling. Thom 8 to Muid - Overcast . Cold . Rainy - Light huye from Hed at 8.45 filled startoard anchor . That Star Hard watch aslow on literly at 9. I saked front tower chain to foot shut anchor and paid below. Thack water at 11.45. Banked fine under tir toiler. Average steam pureur 27 the Temp of bushes 90! Distilling of Change from J. Laver of Links. Figured J. K. Cogewell From Meriod to 4 P.M. Overcart, cloudy and rainy- Light aire from Med and Ed Tiste turned est at 12.86. Fine tacked bude tur torlere-average steam pressure 28 lbe- Temp of turkere 90° Distitu in operation. Figured) Wainewight Kellegg From 4 to 8 9.M. Overcast with light air from H. H. & vering to H. N. W. last home - Barometer Strady. Fred It offinger (my) and Pobut Landon (roy) returned from liberty in good condition - Rigged in port lower boom at Sunder- Stopped distiller at 6.55. average steam towers of the Truck of the Best 87° former 26 lbe. Temp of bunker 87° (Sagned) Sam & C. Lemely and Wod. Iteam pressure to the Temp of bunkere 78. (Tigued) f. K. Cogewell Lint.

Havy Yard Josport Va

				WINDS.			BAROME	TER.	TEN	CPERAT	URE.	David Alle		34		
Hour.	Knots	Pathona.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Air Doy Bulls	Ale Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vestel is unde at end of watch.
A. M.				9.92	1		30.52	47	48	48		o su	Hint	0		
2					-		30.57		4	"		"	"	"		
3				•	04		"		*				"			
4				4.20.	-		80.50	46				,				
5				"	1		"	4	44	*						
6				Calue	0		8048	4	4	44		- 4				
7	50			4	11			47	45	45		01				
8				M.M.C.	1		4	48	11			1.				
9				*												
10				EV.			8046	*					*			
11	33								*	4					100	
Noon.				99.80.											100	

Latitude by D. R. at Noon		,		
Latitude by D. R. at 1900a			"	ı
Longitude by D. R. at Noon			"	ı
Latitude by Observations at Noon ⊙		,		ı
Longitude by Chronometer from Forencen Observations ⊙			*	1
Current during the time knots fins. per hour, setting to the				ŀ
Variation of the Compass by Amplitude ⊗ observed at Sunrise				
Variation of the Compass by Azimuth ⊗ observed at				1
Water expended during the preceding 24 hours	23	25 g	llons.	1
Water Constuded during the preceding 24 hours	7	30	"	1
Water remaining on hand fit for use at Noon	21	90	"	-
Coal consumed during the preceding 24 hours ton	22	100	Ibs.	-
Coal remaining on hand at Noon 40 "	14	10	46	

P. M.							000							
1			9.W.	0.1	34	80.40	49	46	46		of	Himb	0	
2			Calu	0		80.36					0 "	*		
3			4						"			"		
4				"			51		*		***			
5	38			"		30.84	"					*	*	
6			11.	4			4	48	48		4	*	+	
7			9.9.6.	01		80.80	53	4		100		"		
8				4		4		11					*	
9	100		Calu	0		4	4	49	4					
10			996	0.1		80.29	-	1	49		4	4		
11	123		"	*		80.26	"	48	48		"	"	"	
Mid.				*	1	80.24	52	"		700	"	"	"	

Longitude by	Chronometer:	from Afternoon	Observations @

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Commence and well & a.M. Cloudy-Cool. While - Mint cloude. Light for the freeze - Flood tide. Banked five under two boilers. average ettam pureme 25 lbe- Tungs of bur fire 82° (Signed) Richard G. D. averaget. Kint. From 4 to 8 am. Foggy Calm. Banked five under hir boiler - Steam formen 23 lbe- Temp of hunker 780 (Tigued) Elainwright Kellogo From 8 to Minist. Overcast and foggy with light variable aid-Commanding Officer paid official vieit to Russian admiral on board the "Voltana". Towell ask lighter alongside and dumped asher. Fire banked in two boilers - average straw pressure 25 lbe-Tunk of bun per 72: Tigued) Sam C. Lewely Exisign From Meriod to & a.M. Overcast and foggy- Calm. Banked fine under two forward startourd boiler - average Jurene 30 th. Temp of hunter 88-(Tigued) for Tulliyan-From 4 to 8 9. M. Overcast and foggy. Calm during first part. Light aire from 9 and 8 during last ham. Fine banked under nor boilor average Steam present 25 lbs. Tempo of humber 76. From 8 to Midnight. Overcast and foggy- Light aire from I dand to Tisle changed flord at 10. The Stand in that main boiler. Average Stand present 25 lbs. Temp of huntere 76. (Liqued) Wainwright Kellogg

Heave Essex"

3 Rate, 6 Guns,

second of the sail the vessel is under at end of watch.

				WINDS.			BAROME	TER.	TEN	PERAT	URE.			100		
Hour.	Knots.	Fathema.	Courses steered.	Direction.	Force.	Leerny.	Height in inches.	Ther.	Alr Dry Bulls	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	R
A. M.				9.4.6.	3		30.20	51	48	48		01	Hint	0		
2				H	1		80.18		M	"		"	11			
3					0		30-16	"					11			
4							80-12	4	49	49			"			
5		33		"	*		80-08	"	50	50		*				
6				9.9.W.			80-04		51	51		*		*		
7							80.00	53	58	53		ofr	"	"		
8					3		29.98	55	56	56		oc				
9	38			*			29.94					*		4		
10					84		19.92					"	Cour Prin	41		
11					"		29.96				30	"	"	M		
Noon.		98			R		29.86				200	"		*		

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊙		
Longitude by Chronometer from Forenoon Observations ⊙		
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊕ observed at Sunrise		
Variation of the Compass by Azimuth ⊙ observed at		, ,
Water expended during the preceding 24 hours	225	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	255	5 "
Coal consumed during the preceding 24 hours		00 lbs.
Coal remaining on hand at Noon	38 " 18	

P. M.									
1	49.W.	35	29.83	68	69	65	tog	Can Hind	1
2			19.79			66	"	"	"
8	"	35	19.78	100	11	69	-	**	
4	9-W-		1,	70	11	#	11	"	"
5	4.W-4W.	-	29.84	69	68	67	or	Com la	0
6		2.5	"	68			0	'4	"
7	W.y.w.		29.85		"	"			
8		4	29.88				"	4	
9	"	4	29.90		65	65	or	"	
10	"	1.2	29.91				4	4	11
11	*		39.95			64	org	11	*
Mid.	N.H.C.	67	39.97		61	62	"		

Longitude by Chronometer from Afternoon Observations \otimes

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

0

Commencer and until 4 a.M. Foggy and damp, with light wind from 4.96.
Pranounter falling slowly - Fine banked in live boilere - arrage stram former
25 lbs. Temp of hunting 72.

(Tigued) Fam! C. Lewey Everign-

From 4 to 8 all. Overcast, foggy and rainy- Light I. I. W. y air- Fine banked under two boiler. average persone 25 les- Temps of bunker 70:

Tigued J. T. Fullivan

From 8 to Merid - Overcast, cloudy and foggy during first home. Fresh bruge from I. I. W. Link Walker reported return from leave Time banked ruste too toilere - average steam fresher 25th - Temps of bruken 76? Trancis Noton (2.0.5.) and Brug I. Low (Ich Mr.) about without leave.

Trom Mind to 4 P.M. Overcast. Warm. Ignaly from I. I.W. At 2, Buy O. Low(Ile Me) was brought aboard by peolice, to whom a seward of time dollar was
paid. Captain Dum and Com de Kain W. I.M. officially visited ships. Lient
Coopewell left ship on leave of abunce for one week. By order of Commanding
Office Brief O. Low (Pele Me) was placed a prisoner at large, for abunting
himself wilthout leave, while in the execution of his duty. Yet out
another steen fast. Est liste Branfed fine under him toolers. Average
steam pressure 20 lbt. Temps coal bunkers 76.

Thom 4 to 8 P.M. Ovecast, warm with occasional rain showed-Moduate buye from I dand W & Banked fine under two boilereaverage steam Jeresure 20 the- Temp of true pur 76? Barometer rising

(Tigued) Wain weight Kellogg

(Tigued) Richard J. Danuport

From 8 to Midnight - Overcast, raining - Light bruge from W. I. W. Rained very though from 1040 to 11.05. Branched five ender two boiler. average feelswe 20 lbs - Temp of brunker /20 Wind Ruddenly shifted to fuch H. H. E. equalle at 11.50.

Figured J. T. Fullivan Lieut.

Examined and found to be correct.

Scallalker, Lieut. Navigator.

Variation of the Compass by

LOC	30	ft	he	Un	ITEI	STA	tes 9	lea lea	m	u	id	000	Re	4"	Joy			gr.	Rate, 6 Guns,
									1	Havy	_	2/	an	d	gor	kort	- 1	8a	There's Country,
	T	1										7			0 /	,			
Hour.	E.		:		ourses at		WINDS.	1		BAROMI	TER.		(PERAT		State of the	Forms of	Chear Other	State	Record of the sail the vessel is under
I I I	n.m		Pathoma		COLUMN BY	serot.	Direction.	Force	Leemay.	Height in inches.	Ther.	Aler Dry Both	Alr Wet Bulb.	Water	Weather, by symbols.	Forms of Clouds, by symbols.	op of Clear	of the Sea.	at end of watch.
	-	-	-		100			-	7	-			aram.				E S		
A. M.		3					0/0/2												
1	10	4					H.H. 6.	3	-	80.08	60	58	54		ocr	Hint	0		
2	133						", "	-	25	80.06			"		00	"			
3	100						N.6.			80.08	"	11	58		"	"			
4		3						0.1		30-12		4	"		"	"			
5	1	1						4		80-14		51	51			4		13	
6	13							1		-		100					-		
7		1					"				27	49	77			"	"	-	
		-						2	-	80-24	"	48	47		*	*	-		
8		+	-					"	-	80.28	48	47	48		"	*	4		
9								4		80.82	*	46	46		*	*	"		
10								"		"	49	48	47		ocr	"	"	18	
11		-						3		3084	"	4	4		ocqd				
Noon.								85		0001		10	45		ocqu				
								00				10	70		7				
													,						
	Dist	ano	run	by J	Log sir	ice pre	seding Noon									knots	fath	oms.	
	Lati	tude	by .	D. R	at N	oon											,		
	Long	gitu	de by	D.	R. at 1	Noon													
	Latit	tude	by (Obser	rvation	s at No	00n ©											"	
	Long	gitu	de by	Chr	onome	eter from	m Forenoon Observ	ration	0								,	"	
					e time					r, setting	to the								
							mplitude @ observ				00 00								
									Sunr	18e							-	"	
							zimuth O observed	1 at									1	"	
			xpen	ded (during	the pre	eceding 24 hours									217	gal	lons.	
	Wat	er					during the pre	ceding	24 h	AUDO								11	
	Wat	ter :	emai	ning	on has	nd fit fo	or use at Noon									219	0	**	
	Coal	l ea	sum	ed da	uring t	he prec	eding 24 hours									ons 2/1			
	Coal	l res	meini	ng o	n hand	at No	00								97	. 196	60	66	
															1	1/	00		
P. M.		T				700	72 71 75	-		100	100				F100000			1	1
1		1					4/2	01		-	,	-	,			0		-	
100	-	1	1				1.0.	34		80.85		44	43	1	ocra	Himb	0	35	
2	100	-					H.N.O.	4.5	-33	80.84	11	*	44	500	100		"	130	
3		1	4				6. H.C.		33	N	"	45	"		009	"	*		
4							"	12			"	46	45		oe .				
5	1						"	1	200	30.81	49	44	44	100	ocr		4	136	
6	13							1.2	175	80.89		45	45			4		100	
7								-	-	1	-	10	20	1					
8		1	3					"	1	8000	A	46	1	-	oc	-	#	-	
	1	1	=				110	"	1	-	"	27	46	4	77.7	"	4	100	
9	+	1	-4				N.6.	1	1	"	49	"	"	100	ocr	*		100	
10	-	4	-				"	3	1		1	45	25		"	*			
11	1	4						4				"	"		"				
Mid.	-						"			"	"			197	"	*	4		
Miles and Miles	1				No. of Lot,	-		-	-							-			
	Lo	agi	nde	by C	hronon	neter fr	om Afternoon Obse	ervatio	ns Ø								,		
							om Observations			*							,		
									at B										
			-	-	- wymi	www uy	ANNIPOLITICE ODS	erved	SE DE	1000						The state of the state of	-	1000	

Commencer and until 4 a.M. Goncart. Rainy. Moduate It. 64 bruge. Mint-cloude. Flood tide. Banked fine under two boilers. average stram present 25 lbs. Temp coal hunker 70. Gigeral) Richard & Lavenport Lieut.

From 4 to 8 a.M. Overcost, gloomy with cocasional elight ellower of rain Moderate bruge from No and 6th Plood liste during water. Branchest five mucher livo main boiler. average steam foreseed to the Temp of humanys.

From 8 to Muid. Overast and cloudy with light rain. Wind fuch in Aqualle from H. E. Running flood lide. Fire tambed under two boiler. average steam present 20the Tunk of bunker 64?

From Meriol to 4 T.M. Overcast, rainy cloudy and Equally. Fresh buye from It dans & & & H tide. Banked file under two tribue. average freezew 20 lbs. Timp of brunker 64? J. Gigned) f. T. Fullivan

From 4 to 8 P.M. Overcast Disagnate. Rainy- Light aire from A Land & Et lide. Banked fine under the boiler . amage steam present 20 the. Temp of bunker 66: Distitle in operation.

(Tiguest) Richard J. Davenport

From 8 to Midnight. Doucait and cloudy, with light M.O. of truye, and continuous rain - Fine fanteed emple tur boiler. average steam 2016 Tunk of bunker 68. Distiller in operation. By order of Commanding Officer, gave Walter Thomas (Lote) 1/2 hours extra cluty for neglect of duty.

Figued) Fam! C. Lewely .

Examined and found to be correct.

Tleanu Essig gosport Va

Guns,

							rear	7	1	-ar	4	100	cour			
				WINDS.			BAROME	TER.	110	PERAT	URE			lear.		
Hour.	Knots.	Pathons.	Courses strered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, is 10ths.	State of the Sea.	Record of the mil the vessel is under at end of watch.
A. M							333									
1				6.W.G.	2		80.41	48	44	44		or	Hint	0		
2				*	"		80.40	11	"			4				
3	333			*	12			46								
4				N.6.46.	-		80.87	11				"	4		100	
5				W. 6.	"		80.85	45	41	42		*				
6				H.			80-84	44	"	41				"	33	
7	1			H.4 W.	1			#	20	40				"		
8	23			H.W.W.	-		"	he	89	89						
9				W.N. C.	2	360	30.86	"	40	40						
10	133			*	2.9		80.87	4.8	39	89						
11				"	84		80-89		"	H						
Noon				*	3		80.40		88	38					100	Mark Control
-		120												_		
	Distan	nce r	un by Log since prec	ceding Noon									knots	fati	boms.	B46555555
	Latitu	de b	y D. R. at Noon													
	Longi	tude	by D. R. at Noon												"	

Distance run by Log since preceding Noon	knots fathoms.	
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊚		
Longitude by Chronometer from Forencon Observations @		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	2/7 gallons.	
Water Concluded during the preceding 24 hours	780 "	
Water remaining on hand fit for use at Noon	2708"	
Coal consumed during the preceding 24 hours	2 tons 30 lbs.	
Coal remaining on hand at Noon	35 " 1930 "	

P. M.					F 1315	
1	H.K.E. 84	80.864.84	140	org	Hint	0
2	" 35	. 44 8		"	"	
3			" "	"	"	
4	* 8					
5		30.35 - 4	040	or	"	4
6	* 34	808945				"
7	H. X	* #	" "			
8	W-46. 8	80.44 " 8	8989			"
9	M.M.C. 2	80.4644	4 40	4		
10		- 48	" 39			"
11	H.					
Mid.	M.H.W."	" "				

Longitude by Chronometer from Afternoon Observations ⊕			
Longitude by Chronometer from Observations *			
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Compass by		,	

Journeuse and until 4 a.M. Overact, raining, disagniable. Light being from the and lot of Banked five ender two boiler. Conage steam pursue 22 lor Trues of bur fue 64.

(Tigued) & T. Fullivan Rient.

From & to 8 am. General. Rainy. Thick. Gold. Disagreeable. Moderate Withward Wint clouds . Et liste. Branked first under two toilur. average steam pursue 25 th. Temp of bunker 68? Dietitling Jigned Pichard J. Darufert Lieut.

From 8 to Merid - Cloudy and rainy, wind variable from M.M.C. Flood tideaverage steam 26 lbs. Temp of bunker 72° Distitle in operation. David Dallow (9.6) Frank Maquine (2.44) fame Brown (6.7.6) Thomas Ludden (Kole) W D. Tadolle (2. C. T.) Juniale Dounovan ((de G.F.) and William Backer (Lole) ableut without leave.

Tigued) Wainwright Kellogg

From Meriol to 4 9.M. Overcast and cloudy, with continuous rain, wind full in squalle from H. H. E. The Grand Duke alefie and Russian admiral paid an official visit to the yard, when they were received by the officere of the station and slipe here. at 1:15 the "Powhatan" find a salute of 21 gune which the "Fortana" returned gun for gun. at 1.30 the Worcester firest 21 gune in hour of the vilit of the Grand Druke. David Dalton (9.6.) Thomas Ludden (Lots) Frank Magnine (ZM) Jeremial Donnovan (Lot 6.7.) and famue Brown (6.7.6) returned from liberty. Turned est lide at \$50. Fine banked muche two boiler. Distiller in operation. Temp of buttere 78: Theam Jamesun 24 lbe.

(Tigoud) Paul & Lewely Curigar.

From 4 to 8 P. M. O ou cast and rainy- Moduate buye from Ho and & de CH lide. Pranked fine under two tribur. average stiam freedom 22 the Tump of trumper 71: Distilling- (ligned) f. T. Pullivan Lient:

From 8 to Midwight. Overcast. Cool. Driggling. Light air from H. Banked fine under two tribus. average forestine 28 lbs. Temps of bunker 72. Flood tide. (Tigued) Wainwright Kellogg

(Tigued) Wainwright Kellogg

Examined and found to be correct.

Asalvalker,

Navigator

Thame Essey"

I Rate, 6 Guns,

									n	aiz	4	8	ai	06 9	2 ocho	it	0	a
	T	1	T			WINDS.			BADOMS	-	1	PERAT				W.		
Hee	r. Ka	nota	Fathers.	Courses sto	mend.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Alr Dry Bulb.	Air Wet Bulb.	Water at serios.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clea Sky, in 10ths	State of the Sea.	Record of the sail the vessel is under at ead of watch.
A. 1	M.					,												
1		4				26	2		3046	48	39	39		to	Heur	5		
2						My W.	"		"	14	38	1		"		7		
3						"	"		4	11	11	4		"		8	3	
4						H				4	"	4		"		"		
- 5						4	*		4	41	*			. #	Gun Him	66		
6	3 0	3				"			3048		A	4		0	11	3		
7	38					HILO.	8		80.52	40	4	"		*	"	"		
8		4				16.	"		80.54	11	"	4		te	Cicam	H	33	
9	1	3				"			80.56	4	R	4			"	4		
10						"	11		30.52	41	89	4			11	8		
11						6.11.6.	4		"	.4	A	4			N	#		
Noo	0.						*		"	12	4	4				4		
				Service Servic	000				23.22						-			
						ding Noon									knots	fath	oms.	
				D. R. at No											-		"	
		54		D. R. at 1													"	
				bservation												"	"	
						Forenoon Obser	vitions	0								'	"	
	Cur	rrent	durin	g the time		knots f	ins. pe	r hou	r, setting	to th	9							

Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours 225 gallons. Water during the preceding 24 hours

Water remaining on hand fit for use at Noon

Coal consumed during the preceding 24 hours

Coal remaining on hand at Noon

Р. М.										
1	6.K.E.	3	3050	42	88	88		te	aicam	2
2		"		4		4	18	"	"	4
3		3			39	4		oc	Com Mind	0
4		,	"		38			ocs	4	
5	Carlo Section	1	80.48	"	39	39			Himb	
6	Vac	04			40			4	4	4
7	"	"	"		4	11			4	4
8		1	30.40	43	39	A		4	4	11
9		9	80-44		4	H		08		4
10	Calm	0	30.4	1//	40	14		0	1	4
11	· ·	4	80-4	7 /				4	11	0
Mid.		N	00-24	70	07		-	te	-	
the same of the sa		-	No. of Lot, House, St. Lot,	-	-	-	-	2-6	Cum Hind	-/

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commences and until 4 all. Dear and cool, with light buy from Ho Fine banked muche two boiles. average steam presence 30 lot- Temp of bunker 70° - Running flood tide-Figured) Yam 6. Lewely

Oneign -From 4 to 8 a.M. Partially overcast, with light truce from H. G. 6st liste-Half martid colore at sumire in obedience to general order, in honor of lost fra Reac admiral foreple Touitte- Banked fine under two boiler-amage steam present 23 the Temps of hunker 692 Loved sail at 8 octock

(Tiguest) J. T. Pullivay.

Lieut-From 8 to Merid - Overcast Gold. Dieagreeable - Light 16.8.4 huge. at 9-40 muetured and inspected at quarties, found following were about without leave. W. D. Pasteller (2.C.F.) Win Backer (Ede) and Francis Norton (2.C.F.) Drilled 1 st Div small arms, 2 and Div Single sticks and Marine quard with breall arme - Hauled out to a forvline at 8-30. Branked fire under two boiler - average foresure 20 the temps of huntere 62°- 686 tible -

(Tiguest) Richard J. Davuport

From Merid to 4 T.M. Overcast and cloudy. Invering during latter past. Light here from H.M. E. Tide flood - at 12 M. U.G. Receiving Ship Worcester find 18 milion grave in honor of the late admiral Paritie - Received from H.S. Receiving Hip Worcette to fill vacancies in complement, I seamon and I landemen, one of the latter for the engineer force. average steams during watch to be Temp of buther 62° Fine banked under live boilies_

(Tigued) Wainwight Kellogg

From 4 to 8 P.M. Overcast and cloudy with lune Wind light and presence 28 lbe- Temp of but here 76. Communed distilling at 5.45.

Tigued) Pant 6 Levely

From 8 to Midwight- Orecast Cold Calm. Obecured mornlight. 6H lide-Hack water at 11. Turned flood at 11.80. Banked fire under tur boiler Tunk of hunkere 76 - Ronage steam pressure 25 th. Distilling-

(liqued) Victored J. Davuport-

Examined and found to be correct.

Soutabler, Lient Navigator. LOG of the UNITED STATES Steamer Estey" 3" Rate, 6 Guns, Havy Yard Goefort Va

sail the vessel is under

-	_				-	-	_	_	_	-	_	_	_	_		-
				WINDS.			BARCOSS	TER.	TEM	PERAT	CES.			Bear de.	State	
Hear.	Knota	1	Courses steered.	Wander	Furos.	6	Height in	Ther.	Ale	Alr Wet	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	in 10ths.	of the Sea.	Record of the at of
		Pathoma		Direction.	Peros.	Leeman	inches.	att'd.	Ale Dey Bulb.	Bulb.	at surface.			Prop Sky.		
A. M			A S S S S S S S S S S S S S S S S S S S													
1				Calm	0		8040	40	88	28		0	Hint Cir	0		
		1		"	,		80.48		00		70		/			
9				,			80.47	100	"							
3	10			"	4	100	0						-			
4	1			0,021	1		80.46		0			,	0.			
5				00-7 9-	1		30.46	1				,	Cuntim	10		
6	1				1		80.84		35			te	"	5		
7						100	80.82	38	"	34		oc		0		
8				. ,	*			87	A	"		te	*	6		
9				W-9 W.	3		*	88	84	35		"	Ci Cum	10	198	
10					-	1	8082		86	36		+	"		100	
				84/24 of	4		30-80		-					*		
11	13			00-0		700	80.36	1	2,	80				11		
Noon	-				1		00.40	12	7/	00						
hans	-							-								
	Distan	oe rui	n by Log since pro	seeding Noon									knots	fatl	noms.	1000
	Latitu	de by	D. R. at Noon											1		3
	Longit	inde b	y D. R. at Noon													1000
			Observations at N	loom ©												
					41	-										1000
				om Forenoon Obser												
	Curren	nt dur	ing the time	knots 1	lins. p	er ho	ur, setting	g to th	be							
	Variat	tion of	the Compass by	Amplitude ⊙ obser	ved at	t Sun	rise							,	"	-
	Variat	ion of	the Compass by	Azimuth © observe	d at										"	
	Water	exper	nded during the pe	receding 24 hours									22	5 g	llons.	The same
	Water	6	nidence	during the pre	ecedin	g 24	hours						780	,	44	
			nining on hand fit										255		"	
												7			lbs.	
			ned during the pre									1.	1000 5/	-		
	Coal :	remair	ning on hand at N	00m								26	"/16	0	#	
					-	-		-						-	-	-
P. 1	M.			0	100	10			1	1		,			1	
1			CONTRACT,	H.W.	2.4	4	80.2	44	9 42	1 89	-	teg	- Bii Com	4 8	1	
9				H.W. H.	1.5		80.2	244	45	40		"	"	-		
	,	1		W.W.	50	,	30.2					"	-	4		1000
4		100			4		80.2			. 25	+		-	8		1300
37 75	1	1	THE REAL PROPERTY.	W.K.W.	-3				_	00	-			1	1	1
	5	1		W-10_W-			30.2		0		-	1.		-		
	G	1	1	40.	4	-	80.2	1.1	09	"		to	-	10		1
-	7	1		H.W.	5.0	0	80.8		1 6	1/	-	208	- "	*	1	1
-	8	10		n.u.w.	67	7	804	0 "	3	68	6	"	"		1	1
16/1	9	130	1888	4	5	-	80.4	44	18:	43	4	6	"	"		6 13075
1	10	1	A PARTY	*	4.	5	80.4	78	98	33.	2	6-91	- "	"		1 33
											**	0				

Longitude by Chronometer from Afternoon Observations ⊗

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

11 Mid.

80.50 88 82 "

Trummencel and until & a.M. Overcast book balu. Cott tide during watch

(Tignest) Wainwright Kellogg

Term & to 8 a.M. Good and cloudy, with light beege from W. 4 9. Turned ett at 540 Very hight amora boualie first hour of watche. Remarkable fall barounter from 5 to 6 oclock. Fine banked under live boiling. Heam 25 lbs. Tump of bunker from 5 to 6 octock. The vantalist sende pipe at 7- of June G. Levely

Tronk 8 to Merid I lear and pleasant, with moderate breeze from I and With GH tide Enspected at quartie at 9.30. at 10.45 Pelot came outraid Mideliferran W. 4. Hannum was suspended from duty to await action of Commander confined in all for dumpenness and dissepect to the Office of the Deck. Harted fire made four boiler at 10.30 - Please in six boiler - average Straw presence 26 lbe- Temp of but kere 76. Distilling-

From Huid to 49.M. Clear Good. I qualle from He and We Flord lide-Tham reported ready at 2- got underway at 2.50 and stord down Olizabeth river. Druft 13 ft- 14ft- 15ft 6 in No of revolutione 48. average elean freeden 65 lbe- Temps of bunkers 70° (Signed) Richard J. Daverport Lieut-

From 4 to 8 9. M. Olean bold. Freel Equalle from It and Wet Morde signal 1211, Flagslip answerd 904. Let go starboard anchor in 11 fathome of wall and vived to 45 fattione. Old Point Light bearing M.M. Thinker E. H. W. Rife Rape 9.9.6. Think head W. H. W. at 519 down lop gallant Yarde. Obt tide_ Banked fine under four boiler and Steam in two average Jereene 30 the Temp of bunkere 76° fame Brown was transferred from "Worcette" to Hailford" Housed distinguishing frumant and Flagship made unmeral 59 -

Tigued) Wainwight Kellogg Link.

From 8 to Midnight. Cloudy and cold. Fresh huge from H. H. W.
Riding to est. Banked fire under four boiler. amage stram present
17 lbs. Temps of bunker 68?

Tigued) f. T. Fallinger

(Tigued) f. T. Fullivan Zimt.

Examined and found to be correct.

Scawaller, Lint.

Variation of the Compass by

LOG of the Ux	NITED STATES	Iteam	u	6	sty	"	i Ro		3	rd	Rate, 6 Gun	8,
			1	140	mi	do	i Ros	ade	8	a		
							-					-
W V 4	WIN		BAROME	TER.	TEMPER	-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	n of Clear	State	Record of the sail the vessel is under	
Hour. Knots.	Courses atsered. Direction	Ferce.	Height in inches.	Ther.	Alr Dry W Bulb. Bul	r Water of at th. surface	by symbols.	symbols.	Prop of	Sea.	at end of watch.	
A. M.								1000				
1	M.N.	80.	80.57	85	3/3	,	+		10			
2		1	"	4	4 4		4			88		
3		7	80.52	84	. "							
4		1	"	"	" "	,						
5	24	1	30.52	33	30 8	0	*		-			
6	2001	25.	30.53	1000	81 "	100	4		4	33		
7	0.70.	3	30.55	1000	4 4	100	te	cie	9			
		1	30.58		80 2	307	"	71	/			
8	mely	9 "			V			Ciclus	-			
9	W.y	7. "	80.60			-	"					
10	"	200	4	100	35 8			"	5			
11	W.	1		39	1 8		*	"				
Noon.	"	"	80.58	4/8	37 8	5	"	*	"			
									lones	-		
Distance run by	Log since preceding Noon							knots	fath	oms.		
Latitude by D.	R. at Noon							100		"		
Longitude by D	R. at Noon									*		
Latitude by Obs	ervations at Noon ⊗											
Longitude by Cl	hronometer from Forenoon	Observations	9									
Current during	the time knots	fins. per	hour, setting	to the								
Variation of the	Compass by Amplitude ⊙	observed at S	innrise						,	"		
Variation of the	Compass by Azimuth ⊗ ol	beerved at										
	during the preceding 24 ho							225	ga	llons.		
Water		he preceding t	24 hours					,,,				
Water remainin	ng on hand fit for use at Noo	The street						355	5	a		
	during the preceding 24 hor						,			1ha		
	on hand at Noon	ILP					,5	100s 2	50	108.		
Coar remaining	on nand at Noon						1x	- 10	×U	-		
P. M.						T			T	-		
	6.		0	,,	10		,					
1	Vale	u o	80.59				fc	ai am		-		
2	4	"	80.52				1	4	5	133		
3			30.50		47 4	5	1	1	7	14		
4	"	"	30-49	54	"	"		"	10			
5	"		"		44 4		1	"	8			
6	9.8	1.	80.48	147	40 4	0		"	7	100		
7	,	1	30.79	46	39 8	88	*	"	9	1		
8		"	W	"	4	4	-	"	11			
9	"		80.5.	245	*		4	Oi the	- 7			
10		"		44	88		"	"	8	1		
11	"	"		18	87 8	86	+		10	1		
Mid.	"	"		"	"			"				
				-					-	-		
Longitude by	Chronometer from Afternoon	on Observation	18 0						,			
Longitude by	Chronometer from Observa	tions	*					Andre :	,			
Variation of	the Compass by Amplitude	observed i	at Sunset						,			

Communes and until 4 a.M. Clear Truzing. Right truze from HAM. Poright swoodlight entil 340 when she set. Branked fine four toilue- average stram foresum 25 lbs. Tunfo of bruken 682 Flack water at 1- Swring to flood at 1-80.

Tigoual Richard g. Danufort

Trove 4 to 8 a. M. Clear Cold. Pleasant. Light being from W at 6 ship suring to est. Midelipman Griffin left ship on a lean of abunce of one week. at 1.80 specase fine in six main boilur. Flagship made signal 8 \$ 50. Tunp of bunker 74°

Tiguest) Wainwright Kellogg

From 8 to Herid - Clear and pleasant with light truge from Wit Riding to est tide. at 8.45 brought to ou starboard chain, how in to right fathous and steamed aleast shifting anchorage - Branings . Old Tout N. G. Th. K. Sip Pape 9.6.4 9. 14 9. with slipe head W. 14 9. Secund at 45 fathous on Stai toard chain - at 8-55 Flagship made preparatory 5456 and at 9 5456_ at 9.30 loosed sail to a brivline - at 9:50 muitined at quartice. Win Devois (Binlu Make) about without leave from the slip. at 11-30 Flagship made preparatory 5955, and 5955 shortened sail- Flagship made 4726- Freeled sail. Hauled fire in Hr. 5 and 7 biller at 940- Fire banked in Her 2 and 4 tolled - man of to blorfold - Signed , Same C. Levely sunderway at 10-30 and stord up to blorfold - Signed, Same C. Levely Crisis in It 2 and & briles - Than 85 lbe . Temps of bunkers 64. The Trula got

From Muid to 4 P.M. Clear and pleasant Calm. Riding to est tide. Hack water at 3.80 - Branked fire under two boilers. average stram pursue 80 the Trunk of hunker 78?

Signed) F. T. Fullivan Link.

Trom 4 to 8 P.M. Clear Cold. Light aire from 9.W. Turing to flood at 4.15. Flagship made signal 2985 at 445. Turing to let at 6.80. That distiller at 6.35. Ban hed fine moder two briller - amage stram prime 25 lbe. Temp of bunker 68° Distilling- Golfand J. Darmport Lieut.

from 8 to Midwight. Clear and cold, hight mornlight. Light keep from 9.W. Riding to est lide. Fine banked in two tolen. Theam pureun 20.162. Tump of tunker 72° Distilling.

(Tigued) Yam! C. Lewely Eurign -

Examined and found to be correct.

Asawalker, Lint. Nevigator

Variation of the Compass by

LOG of the United States Steamer Essex" Sed Rate, 6 Guns, Hamplon Roade Va

							100	m	90	-00		100	200	0		
				WINDS.			BARGOEE	_	771	PERAT	TEN.			1		
Reve	Knota		Courses steered.		200		BANOGE	-				State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State	Record of the roll the visual is us at end of watch.
Inch.	a.s.u.	Fathoma	Couling Board	Direction.	Fores.	Leeway	Height in inches.	Then.	Air Dey Bulb.	Wet Bolls	Water at surface.	by symbols.	symbols.	Prop. in	Sea.	If ever at annual
		4				7	1000		- Iran	-		-		48		
A. M.				11								,	0			
1				9.4.80-	1-2		30.52	42	36	82		7	Home	10		
2				9.W.	3		80.52			100		"	11	"		
3					45	9.5	80.52	1	"	,			"			
4				"	3		80.52	-		35			11			
7 1000							00.00		0,				"	"		
5	100				1		-	07	86	11.			"			
6	-			"	3		-	er.	-	86		*		,		
7				"	4		80.56			85		100	"	*		
8	120			"	1		80.57	4	35	84			"	*	33	
9				"	2		80.58	40	86	35		"			13	
10				"	8		90-60	40	40	39					100	
11				9	4		82.50	122	4,	4,		"		-	100	
							00.00	1.7	16	1.0			. "			
Noon.				-	1-2	-	80.57	7/	72	70				-	-	
hanne		-				-	-					-	Arrana a	diam'r.		
	Distar	oe ru	n by Log since pre-	ceding Noon									knots	fati	oms.	Marie Control
	Latita	de by	D. R. at Noon												"	Commission of the Commission o
			y D. R. at Noon													
			Observations at No	(1)											"	
				m Forenoon Observ	stion	8 0	-							*	"	
	Curren	nt du	ing the time	knots fi	ms. po	r hot	ir, setting	to th	10							
	Variat	tion o	f the Compass by A	Amplitude O observ	red at	Sunn	rise									- C.
	Veriat	ion of	f the Compass by A	zimuth ⊙ observed	lat										-11	
	Water	expe	nded during the pre	eceding 24 hours									22	5 m	llons.	
		-	,	during the pre	codin.	- 9.1	home									
					count	S AVE I	nome						73			
			sining on hand fit f										255	9	**	
	Coal	COURTE	med during the pro-	ceding 24 hours								6	tons // 0	0	lbs.	
	Coal :	remai	ning on hand at No	on								18	" 54	10	16	
					-					38						The Control of the Co
P. M.					170	1						19900				
1	130			Colum	0	133	8048	54	5	40	1	1	Horu	11	,	
2	100		10000	Justy		15	0.11	02	00	10		0	nou	10		
		1		7.W. W	1		8044	199	95	90		-		1	18	
3	-	-	A STATE OF THE PARTY OF THE PAR	*	1	-	A .	"	. "	"	1	-	1	1	-	
4	-	13	200000	"	1	18	80 42	-			150			"	100	
5		1			1	100		51	51	51	13	4	"	4	13	
6	100	13		"	-	13		55	50	50	13		*			100 St. 100 St
7					1	1		52	48	48		4		4	1	
8	100	15	1	4	"			5	40	46		,	11	,		
9	1	17	TO THE REAL PROPERTY.	Calu	1	1	0.1	15	. 1	1	1	1	11	1	1	
10		1		2 de	0	1	30.4	×00	73	77		-	-	-	-	
	-	1		0.4.0.	0-1	1	80-4	5 "	143	Xá	1	"	-	1	100	
11	+	1	1000	4.	/	1	80-4	448	40	143	1	1	"		13	100000000000000000000000000000000000000
Mie	1	1				1	30-4	4 4	4.	3 "	19		"			
-	-	-	-	-	-	-	-	1	-	-	-		-	1	-	-
	Lot	gitud	e by Chronometer f	rom Afternoon Obe	orvati	ons 6								,		
			e by Chronometer i				*							,		
			n of the Compass by		served	1 4 C							-	-		
	-		on me company by	vemburane op	our voc	ant D	unnet						-		-	1

under the command of Commander W. Foth Felly , U. S. Navy, , 1877. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communced and until 4 a.M. blear and cool, with modulate huge from Pand Wol. Bright moonlight- Plack water at 1-30. Puring to flood at 2-80- Banked fine under two tribus - average steam foresure 20 lb- Temp of hunker 72° g (Ligued) f. T. Pullinger From 4 to 8 a.M. Clear Gold. Light heeze from 9.W. Morn let at 4.30. Plack water at 7. I wrong to est at 7.30. Banked fine under tur triber. Temps of bunker 742 arrange eliam presence 20the Distilling. at 7.30 Flagelish made general eignal 3350. Figured Richard J. Davuport From 8 to Muid - Clear and pleasant Light buys from I and Wet Riding to ettat 9.15 started five under four boiler - at 9.30 exercised at general grante. Time as follows-Cast Love se - Figured M - at 10 Plagelife made general signal 3103-9 - Made purparation for towing. at 10.30 hoisted 712 - prilot flag-Tilot came outraid at 11_ Altane in 5 - eig boilen- average litam femme 25 lbe-Temp 1 st Div 6/2 - 1et Div 8/2 - 3 uch . 3/2 - Tovolu " Towder " - lix boiler - Courage Steam ference 25 lbe Temp Engu " 2 - Ough. 1/2 - of bunker 78° Dietilling- Fermiale Otomull 3 - (2 C. 77) reliased from confirment. 4/2 - Martin " Marlie " Manue " 1/2 -Marine " Jugine " 2/2 - Yurgine (Tigrust) Wainwright Rellogg-From Muid to & P.M. Pau, cloudles and pleasant, with light burge from 9.85 d at 12.45 made to Harford' intinogatory 4890, the answered 954 Fot much way at 125 and at 145 took coal echooner 6.6. Knight in low and stood towards Horfolk in charge of fillot- at 8.15 exchanged sumber with Towhalan at 8.55 cast off schools abuset of Havy Gard coul what and waste fact to hoy- Draught of elifa. 13 ft forward 14 ft annollight - 15 ft 6 in aft. Time in six boiler - Steam 55 lbe- Temps of how for 75 - of Queign-Thom 4 to 8 P.M. Clear and pleasant- Light I.W. If aire. at 5 octock hauled into dock and survived along side coal schooner. Made preparation for to the Tunte of bunker 72? By order of Com of Officer, Richard Cour (Ede) was rated W. R. book, from fan 6 the inclusive -(Tiqued) f. T. Fullivan, Link. From 8 to Hiduight- Clear Cold with light aire from I'd and W & Bright mornlight Cost tide - Branked fine smoln tur boilur - average steam pursue 5 lbe - Temps of but per 690.

Examined and sound to be correct. Signed Richard J. Danuport Signed Richard J. Danufort
LinkNavigator.

LOG of the United States Teamer Essy" 3" Rate, 6 Guns, Havy Gard Josport Va

				WENDS.			BAROME	TER.	THE	PERAT	TRE.	Date of the	Vous of	Hear the	State	
Hour.	Knots.	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Frop of Clear Sky, in 10ths.	of the Sea.	Record of the soil the vessel is unde at end of watch.
A. M.				9.48	1		3044	45	41	40		+	-	10		
2					"		8	11	40	39		te	Cir	9		
3					1		"	48				"	aiamo	1		
4				1,			11		"			,	"	"		
5				9.9.W.			3040	#		40	2			6		
6				*			4	"	4	"				4		
7	63			9-W-			30.81		41	41			-	1		
8	83	33		"			"						4	#	100	
9							30.36	44	43	43	100		1	4		
10				9.9.25			80:35	-	46	44			11	4		
11				9.20	"		80.88	48	49	47				2		
Noon.					4		80.80	51	51	49	34		4	"		

Distance run by Log since preceding Noon	knots fathoms.	
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊙		
Longitude by Chronometer from Forenoon Observations ⊚		
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		
Variation of the Compass by Azimuth ⊙ observed at		
Water expended during the preceding 24 hours	115 gallons.	ı
Water during the preceding 24 hours		
Water remaining on hand fit for use at Noon	2555 "	
Coal consumed during the preceding 24 hours	/ tons //40 lbs.	
Coal remaining on hand at Noon	79 " 20 "	
	//	ı

P. M.		,								
1		W.9.W.	1	8028	50	54	52	0	Cir bu	0
2			4	30-24				te		1
3		",	12	80-21				"	-	4
4		9.W.	1	80-20					4	2
5		W.Y.W.	12	30.11				"	11	5
G		9.80-	0.1			53				7
7			"	80-20	55	52	51	4		"
8		,	-				50		"	"
9		Calin	0	80.24				6	House	10
10	2000	111-	"	30-24	52	48	48	N		1
11		H.W.	1	30-26	-	11/	47	4	"	1
Mid.			"		51	45	45	R	"	"

Longitude by Chronometer from Afternoon Observations ⊗		,	*
Longitude by Chronometer from Observations *	-		
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Compass by		,	

Donumencel and entil & a.M. Clear and cool, hight monlight Light aire from 9.48. Of title "Fine banked ender tur boiler - Steam 20 th. Temp of huku yo.

Tigued) Pane 6. Lewy

From 4 to 8 a.M. Party cloudy and pleasant Light I.W. Faire. Communeral coaling ship at 6.80. Third banked under tur boilur- average steam 80 lbe-truft of brunker 69.

(Tigend) f. 7- Tullwan,

From 8 to Merid - Clear Pleasant - Light I.W truge - Crew organist in coaling sleip - at 1140 Lint Converse returned from leave - Time banked smalle two boilers - Temps of hun few 52° - along steam presence 25th - at 11.58 William Drovie (Brite make) was trought outoured by Portemonthe prolice -Pecceived during watch, 24 love of coal - Et lide - Gignest Pichard & Danyport-

From Muid to 4 P.M. Partially overcast Warm Light aire from It and W. L. Congaged coaling ship - Pecived on board Folin Face (In) from Receiving Ship - Banked five under two toilur - average stram presence 20 lbe Tentife of bunker 65.

Tiquest) Wainwight Kellogg

From 4 to 8 T.M. Clear and pleasant, light 9. W. It airs. Turned flood at 7. Ot sundet Ruschest off coaling, having received on travel about 59 tone-Dupped down with coal Schooner to suft what below and made fast as before. Time tanked under turn brille. Iteams 20 lbs. Tump of humper 65°

(Tiqued) Tam & L. Lewely Busign.

From 8 to Midnight. Clear and pleasant. Pright monlight. Light M. W. 4 aire. Est lide running. Fine banked under live toilur. Average stram 20th. Temp of burkene 70°.

(Figured) J. T. Phillian, Lint.

Examined and found to be correct.

Scalvalker, Lient

LOG of the United States Thanu Eslip" I Rate, 6 Guns, Wavy Gard Josport Va

							10	any	-	70	un	1	guor			u
								-	1			0 /				
Hour.	Knots.	1	Courses steered.	WINDS. Direction.	Force.	ng.	Height in	-		Air	-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the v
		Pathe		and or other	2 occu	Leeway.	Height in inches.	att'd.	Alr Dry Bulk	Bulb.	Water at surface.			State State		
A. M.				10					372			N. Coppe			778	
				916	10		2.00	11	1.	1		1	01			
1				16.0.	1.5		80.38	44	41	40		6	House	10	100	77.55
2				*	2.5		30.84	48		*		"	W	9		
3				*	2.4		80.38						"			
4		33		",	"											
5				H.	2		30.41	4,	48	H		4				
6	100	201			4		0.1.0	1	20	20		,			100	900000000000000000000000000000000000000
7				4			0/2	7/	07	89						
377							50.76		1	"	-	"		-		The same of
8				3/1/0	/		30-48	"	41	"	2	"		"		
9				1.H.O.	3		80.52	42	42	40		be	bu the	9		
10				4	2		80.54	44	43	41				4		10 miles
11		-		"			80.20	40	4	de				"	100	
Noon.		13		9148			2010	"		Li				4		
Svoon.				16.7.0.			00-70		-	M						
						-										
1	Distant	oo rui	by Log since prec	eding Noon								A POST	knots	fath	oms.	
1	atitud	le by	D. R. at Noon													
I	ongit	ade b	y D. R. at Noon													
			Observations at No	0												
														^	"	
			y Chronometer from	n Forenoon Observ	wtions	0									"	100000000000000000000000000000000000000
(lurren	t duri	ing the time	knots fi	ns. pe	r hou	r, setting	to th	е							
1	Variati	on of	the Compass by A	mplitude @ observ	ed at	Sunr	ise								A	
1	rariati	on of	the Compass by A	zimuth ⊙ observed	at											
			oded during the pre													
	Water				-								225	_	Done.	
			Pondued		ceding	24 h	ours						47:	5	**	
	Water	rema	ining on hand fit fo	r use at Noon									219	0		
(Coal e	onsun	sed during the prec	eding 24 hours								10	ons 92	0	lbs.	
(Coal re	emain	ing on hand at Noo	on								77	" 184	0	"	
400	9.9											11	101			
P. M.	1						11/20	-	100		100					
100			The second	2/6/2				2.			-	,	0 ,			
1		-	29521010	1.10.	1		80.44	44	44	42		te	Cirbun	9	100	
. 2	9				#			48		4			"			
3				H.				49	4.5	44		A	- 11	4		
4				"	4	2/3				R		4	"			
5	333				1	1		40	-	,	1		Oie			
6	-		TO SECURE	Celuc	1000	17		1	11	60			4.a			The same of
7	1			Value	0	-	-	1	77	73	1		"	-	-	
	-			0-	1	-		2	43	40	1	-	"		-	
8				,	"			86	42					"	1	
9	1			Calm	0		"	45	41			4	House	10		
10					-		30.46	44			100		1	4		
11	1								40	1	120	"	4			
Mid.		1	79.100	"		-			-0	-	1		"	"		TO COMPANY
1	1				1	-	-	1	-		-	-	"	-	-	
						-		727			-	-	-	-	-	
			by Chronometer fr		rvatio	ns ©								,		
	Long	citude	by Chronometer fr	on Observations			*						-			A STATE OF THE PARTY OF THE PAR
	Vari	ation	of the Compass by	Amplitude obs	orved	at Su	meet									
			of the Compass by		at					,				,		
					-											The second secon

Commenced and until & a.M. Clear - Bright mornlight. Wind from Hot and 6th Pqually- Steam freezene 20 the Temps of hunkus 682 Distilling -(Tiguel) J. K. Cogewell Link.

From 4 to 8 a.M. Clear Cold-Light Il of tuye - Flord tide - Branked fine under tur briles - Temp of hunder 65 - amage eliam presence 20 the-

(Tignest) Richard J. Danuport

From 8 to Muid - Clear and cold, with light huge from We and 6th 6th tisle- Ut 10.45 Commanding Officer inspected ship and dew at 10.55 called all bounds to multer - Jenual Order 221 and Special older of fan 18 the from the Hary Department, and Court Martial Order of Horth altaulic Aquaden of face 16 th were read - afterwards, perague were read by Commanding officer - folice T. Marker (Boy) was placed in solitary confinement on head and water, for involence and insutordination - Banked fine under tur boiler -average strang presence 20 lbe Trusp of bunkere 70° Distilling -

(Tiguest) Wainwright Kellogg

From Merid to 4 P.M. Clear and pleasant wratter, with light Not huge - Sunt visiting fearly to alliance and Ranger" Fine tanked under too toiler. There of bunker 70°2 Thursd flood at 4- James Sundy Charity

Firm 4 to 8 P.M. Clear and pleasant Light air and color Flood lide running - Distilling - average steam person 20 be - Temp of hunter 702

Figured) f. T. Tullivan Zimt.

From 8 to Midnight. Clear and calm - Bright mornlight - Pleaser pureum 20 lbe Temp of hun fue 69° Stopped dictiling at 8-

Figured) J. K. Cogewell -

Examined and found to be correct.

Asawalker, Lient. Navigator

LOG of the United States Teamer Esley" 3 "Rate, 6 Guns, Wary Yard Gosport Va

	WENDS.				BAROME	TER.	TES	PERAT	URE.			Page 1				
Heur.	Knots.	Pathoma.	Courses steered.	Direction.	Force.	Force. Trans.	Height in inches.	Ther.	Aler Dry Bulb,	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the roll the vestel is und at end of watch.
A. M.				0/											10	
1				7.	2		80.46	48	38	89		+	How	10		
2				"			30.45	42	H	38		"	"	~		
3				14	1		4		"	4		"	"	"		
4				4			11	4	36	86		"		"		
5				ofly W.	1.2		4	40		84			*	"		
6				200	4		"	38	"	*			"	"		
7	30			9.9.W.	1		8044	"		"			"	4		
8				4	"		4	"	32	36		*	44	"		
9				"	2		8042	4	40	oi-		"		*		
10				9.80.	"			46	45	4	33	4	4	#		
11				"	4		30.40	49	50	45	-	"	"		130	
Noon.		33			4		30.36	51	52	50			4	4		

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ©		11.
Longitude by Chronometer from Forenoon Observations ©		. "
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊕ observed at Sunrise		, ,
Variation of the Compass by Azimuth ⊙ observed at		
Water expended during the preceding 24 hours	22	5 gallons.
Water during the preceding 24 hours	(,	
Water remaining on hand fit for use at Noon	1/	90 "
Coal consumed during the preceding 24 hours	/ tons //	1
Coal remaining on hand at Noon	145 " 18.	

The same of the sa	The second second	-	The state of the s			
P. M.						
1	W. 9.W.	1	80.84 56 54 52	+	None 10	
2	"		80.32 88 56 54	"	11 11	
3	"		3080575856	"		
4	"		30-2860 59 57			
5	16.6-		" 625756		11 11	
6	9.9.8.	4	" 6055 54	*		
7	*	0.1	80-295954 "	te	bis His 7	
8	4	1	80.82 58 58 58	*	" "	
9	Calm	0	" 54 49 50	4	1 ×	
10	"		0 52 4748		. 8	
11	*	"	30.38 50 4646	"	" 4	
Mid.	"		" 18 " "	"	" 5	

Longitude by Chronometer from Afternoon Observations ⊗		100
Longitude by Chronometer from Observations *		*
Variation of the Compass by Amplitude observed at Sunset		er.
Variation of the Compass by	. ,	

under the command of Commander W. Frott Telley Monday January 29 the , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communces and until & Q.M. Clear Cold Pleasant Pright monelight - Light frence - Cot tide - Plack water at 8.80. Pranked fine under two boiler - awage stram pressure to the Tump of hunker 65 - of (Signed) Richard G. Davupot-From 4 to 8 a.M. Clear and cold. Light air from I and We Flord tide-Engaged in coaling ship during latter part - Banked fine under two briles -avage cliam presence 20 the Trusk of bunker 70 - 2 (Signed) Wainwight Kellogg From 8 to Merid. Cloudless and pleasant, light P.W. freye. Engaged in coaling ship. By order of Commanding Office, Midshipman W. G. Hannun was released from suspension and restored to duty- by lame order Buy O. Tow (Ich Me) was released, but to be quarantined to the ship until fulter order - 9. F. Carvell (IMM) and Charles Jun (9. M) about from the Iteam Jerene 20 He - Temp of humbur 70: Running est lide -From Muid to 4 P.M. Clear and pleasant - Light I.W. If huge - Engaged in coaling ship. Received outrand during water 29 tout - Received in construction Department 20 gale of schellar varnish - amage stram 20 lbe. Et tide running -(Tigued) f. T. Fullinger From 4 to 8 P.M. Clear and pleasant, light air from Hodand Get Turned to flood tide at 7.15 - at 7.10 completed coaling chip. Received outrard in all 132 tout - average clean pursue during watch 20 lbe- Distitle in operation. Fine banked under him toiler. (Signed) f. K. Cogewell From V to Midnight- Clear Cold Pleasant Calm. Mornlight- Plack water at 9 - CH tide 9-30 - Banked fine under tur boiler - average steam pressure 20 lbs - Brunker full - Distilling -Tigued Pichard J. Davuport-

Examined and found to be correct.

Asalvalker, Lieut

Longitude by Chronometer from Afternoon Observations ©	,	
Longitude by Chronometer from Observations *		
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Company by		

8057 47 44 44

" 4643 "

80584642 42

10

11

Mid.

under the command of Commander W. Foots Schly , U. S. Navy, Communer and until 4 a.M. Partially overcast and cool. Light aire from 6: 646 tide. Fine banked under two boiline- average stram pursue 22 the-Figured Wainwright Kellogg From 4 to 8 a.M. Clear and pleasant, calm. Bright mornlight until day break. Fine tanked under two boilur- Than 25 lbe- Distitling. (Tiguest) Fam C. Zemey Eneign -From 8 to Merid. Clear and pleasant. Calm first part, light N. C. Faire latter feart. Whether at granter at 9-80. Gultare Rome (Boy) about without leave. Whade preparations for provisioning ship. Time tanked under him toilur. Average steam 25 lbs. Distitling Gigued) S. T. Fullivan Figured) f. T. Fullivan From Meriod to 4 P.M. Clear and pleasant- Light aire from He and Ed Cot title - Course steam pureline 25 lbe - First banked under two boiler - Precioned outrand the following stone . 56 Bage Bread. 10 Bble Buf - 25 Broke Tumord Buf - 10 Bble Flow - 2/2 Bble Rice -121/2 Boble Augar - 10 Kigs Tickele - 16 Books Coffee - 1 Boy Tea - 1 Bobl Butter - 5 Prope Butter - 10 1/2 Boble Breans - 1 Bobl Molaries - 1 Bobl Vinegan - 8 Balle Flammel 2 Porpe Calf Phose - 1 Book Kife Those - 1 Book Brooks - 2 Porpe Tobacco -6 Cases 9. Water Took . I Boy & This Browns . I Brog D. C. Buttone . I Package Thread. (Tiguest) J. K. Cogewell-From 4 to 8 P.M. Clear. Pleasant- Light H. E. berge. Received in Pay Department, from Havy Yard, 60 Bags Bread, and following articles in Construction Department- 135 ft 2 in White price - 85 lte 2 x 3/2 in flat- ion - 12 lbe 1/2 in round ion - 6 lbe 1/4 in round ion - 8 shule 28 4 copper 67 lbe - 5 lbe Composition Haile - Moon rose 7-19. Brown but Sing more to the first work of the - 5 lbe Composition Haile - Moon rose 7-19. Ban fed fine under tur boilie - avrage steam presence 25 lbe -(Vigued) Richard J. Dayupat From 8 to Midnight- Clear and pleasant, with light air from 6 d Bright mornlight. Branked fire muche two boiler. average stram foresure 28 the. (Tigued) Wainwright Kellogg Lint. Examined and found to be correct. Deal alker Lint

LOG of the UNITED STATES Steamer Esly" I'Rate Havy Gard Josport Fa - Hamplon Poadle Va g and Rate, 6 Guns, Forms of Clouds, by symbols. Record of the sail the vessel is under at end of watch. Low Home 30.564442 42 N 48 41 41 3 42 40 40 80-5741 " " 0 5 6 80-58 80 " " 80.59 89 89 89 30-60 " 38 38 " 40 4241 " 42 44 44 8 9 10 80.5846 " " 11 80.54 48 " Noon Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon ⊙ Longitude by Chronometer from Forencon Observations ⊙ Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours 225 gallons. during the preceding 24 hours Water remaining on hand fit for use at Noon 2190 " 9 tous 1840 lbs. Coal consumed during the preceding 24 hours 141 " 640 " Coal remaining on hand at Noon P. M. Come Hint 6 1 30.52494948 1 2 30.49515151 Cir 8047 58 58 52 3 4 " 50 50 5 3048 524746 aibum 2 6 4 5046 " 3047 " 4949 8 8045 " 48 " Le su Ciram 5 10 80.44 bun Hint 1 11 oc Mid. Longitude by Chronometer from Afternoon Observations @ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

under the command of Commander W. Tcott Tchly Wednesday January 31 st , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and soutil & a.M. Good and cloudless, hight mornlight- Mining around horizon, spreading to general fog last hour Galin. Running ell tide. (Tigored) Sam & C. Lewey Ewign -From 4 to 8 a.M. Heavy fog balu first feart, light Not air latter part-Turned flood at 6-15. Started fine under four briles at 5-80. Canage steam 80 lt. Signed) f. T. Fullian Zint. From 8 to Herist. Porcast and foggy during first feart, afterwardle partially clear and cool. Light bruge from Hot shifting to He and Ed and incurring - at 9.80 inspected at quartie, afterwarde made preparations for getting underway, got underway and stord down for Hamplin Poadeorder of Commanding Office - Phile deaft 14 ft 2 in forward, 12 ft / he amidslipe, 16 ft aft. (liqued) f. K. Cogswell From Muried to 4 9. M. Clear. Pleasant. Plight for Light 9.6. huye-at 12.80 horieted distinguishing parmant 1287. Plagelish made general signal 1884. At 12.55 came to with port anchor in 19 fatherms water, regulated 45 fatherms chain. Bearings. Phips head It & M. Old Point Comfort-6/2 M. Pish Pape 9.6.4 9. Draft of water 14 ft & in forward, 15 ft 1 in anideliste, 16 ft aft. At 3.30 hauled fine under four boiler and started dietithe. At 3.40 Flagelish made general ligeral 2984. Amage Cliam pureline 60 ble. Pilot left the ship at 1.30 60 be. Pilot left the ship at 1.80. (Tigued) Richard J. Danuport Or 5 called to quarties, and seemed out a light aire from I dand Ed Ut 5 called to quartie and served out clean hammocks. Hade interogations 5040 - Flagelife answered 904 - Plack water at 6-80. Twung to flood at 7-15. Banked five under tur brilere. average steam presence 20 lbequest) Wainwright Kellogg From 8 to Midwight at 8-80 Morn rose Cloudy and cool with instications of rain Light freeze from 9.6. Riding to flood lide - Fine tamped under tur boilie. amage steam pressure 20 the Distilling. (Tigned) Sam & Lewly Eurige. Examined and found to be correct. AsaWalker, Lient. Navigator

LOG of the United States Steamer Essey" 3" Rate, 6 Guns, Hampton Roade Va

				WINDS.			BAROME	TER.	TEM	PERAT	TRE.	State of the	Forms of	Clear Other	State	Record of the sail the yeard is never
Hour.	Knota.	Fathoms.	Courses steered.	Direction.	Force.	Leemig.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	of the Sea.	Record of the mil the record is un at end of watch.
A. M.				11												
1				9.9.6.	1		30.44	50	48	48		C	anne	0		The second
2	34				"	133	"	11	11	"		N	"			
3				9.80.	11		3042	11	47	47		to	Cir Cun	2		
4				"	4		"	49	46	46		"	6ie	8		
5				"	2		"	50	"	"			N	"	198	
6				11	"	933	11	49	47	47		"	"	0		
7				9.9.W.	- "		3040	"	48	48				11	133	
8				"	"		30.89	11	49	49		"	"	1		
9	1			9.80.	11	1	30.88	-		"		,		9		
10	13			20.3.EU.	- "		80.87	1	51	51	57	+	House	10		
11		23		w.	4		"		54		1	"	4	#	100	
Noon				900	"		8088	3 4	11	A		4		"		

	the same of the sa	
Distance run by Log since preceding Noon	knots fath	oms.
Latitude by D. R. at Noon		"
Longitude by D. R. at Noon	and the state of	
Latitude by Observations at Noon ⊕		"
Longitude by Chronometer from Forenoon Observations ⊙		"
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude @ observed at Sunrise		"
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	225 g	llons.
Water Condended during the preceding 24 hours	475	16
Water remaining on hand fit for use at Noon	2555	66
Coal consumed during the preceding 24 hours	/ tons 290	Ibs.
Coal remaining on hand at Noon	140 " 350	4

P. M.									
1	W.9.W.	2	80.80	56	54	58	1	How	10
2	9.20.	1	H	57				"	
8	"	3	80.28					11	
4	, "	2	30.26	60	57	55	"	4	
5	9.W. y W.	"	80.24	62	59	58	te	Ci la	8
6	9.w.	4	"		54		"	Cum	9
7	11	"	"	58	54	58	"	"	"
8	"	"	"	59	56	54		"	"
9		"	80.26	56	52	52	"	4	11
10		"	"	55			"	"	8
11	"	1	"	54	50	50	"	11	7
Mid.	"	3	"	"	"	11	"	"	9

Longitude by Chronometer from Afternoon Observations © Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Converences and well & a.M. Clear, cool and pleasant- Bright mornlight-Light variable aire. Turning to the est at 12:20. Tide running very strong- Fine banked and low tribus. average strane presence 20 lbs. Distilling water -Jigued) f. T. Fullivan Link. From 4 to 8 a.M. Weather pleasant Hazer Light huge from I and With I get underway and Work Horfolk - Received fresh provisions for crew - Signed) f. K. Cogewell, From 8 to Muid blear - Pleasant Light 9.80. huge - Hack water at 8- Luring to flood tide at 8-45 - at 9.86 Guetave Rome (Boy) returned from leave of absence - f. 9. Marker (Boy) released from confidence - Bugaged in cleaning ship - Banked fine emole that toilere amage steam foresure 20 lbe. Temp of bur bere 60 - Distitling - Jigned) Richard J. Daverport From Theird to 4 P.M. Olear, pleasant, warm. Light here from I.W. Swring to est at 12-30 - Condumed and them over board for the of Suring to est at 12.30. Conditioned and Much order of Have freak dust: Guetare Romer (Boy) was discharged by order of Have Department: Banked fine under two boiled. average strong fuerous 25 lbe. Temps of bunkers 70° Dietitling- Gigned) Wainwright Kellogg. From 4 to 8 P.M. Clear and pleasant with light bruge from A. Plack water at 645. Found to flood at 8. Whidelipman Griffin returned from leave. at 5 went to quarty and turned in clear hammocker. Fine banked ender two boiler. Them 20 lbe- Taup of bunger 70°-(Tigned) Fam & Zenely Energy. From 8 to Midnight. Clear Cool. Light I.W. huze. Piding to flood.
Bright surveilight. Mom rose about 930. Alopped distillue at 8.
Poanked fine surde two boilers. Average pressure 20 the Temp of humpur 70.

Gigened J. T. Fullivan Tigend) f. T. Tullivan Lient.

Examined and found to be correct.

Asa Walker, Navigator

LOG of the United States Steamer Esley " find Rate, 6 Guns, Hampelon Poacle Va

				WINDS.			BAROME	TER.	TEM	PERAT	URE.	State of the	Youna of	Clear Other	State	Record of the sail the vessel is us at end of watch.
lear.	Knots.	Pathoma.	Courses steered.	Direction.	Ferce.	Leewig.	Height in inches.	Then, atf'd.	Air Dey Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Frop. of Clear Sky, in 10ths.	of the Sea.	at end of watch.
. M.				da								1	60			
1				9. EV.	2		3026	54	50	50		7	None	10	-	N. K. L. S.
2					H	133	"	58		49		-	,		180	
3				"				52	49	49		te	ai ght	7		
4					1		"	50	48	48	-	"	"	8	183	
5				"	3		11	49				"	"	"		
6				"	"	100	"	48	147	47		"	"	11		
7				"		83	4	11	1	"		bom	ai Cum	, "	3	
8				"	"	100	11	4	"	48		11.	11	"	-	
9				"	2		8028	52		51	1000		"	11		
10				"	"	133	80.25	54	58	62		"		6		
11	1			9/2/481	"		80.25	58	56	11	1	to	4	5		
000.		10		4	4		"	"	11	60		- 11	4	7		
							138		100					/		

Distance run by Log since preceding Noon	knots	futhoms.	
Latitude by D. R. at Noon		' "	
Longitude by D. R. at Noon		, ,	
Latitude by Observations at Noon ⊙		, "	
Longitude by Chronometer from Forencon Observations ©		, "	
Current during the time knots fins. per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise		, ,	
Variation of the Compass by Azimuth ⊗ observed at			
Water expended during the preceding 24 hours	125	gallons.	
Water Couslessed during the preceding 24 hours	123	0 "	ı
Water remaining on hand fit for use at Noon			L
Coal consumed during the preceding 24 hours	1 1000 10	go Iba	
Coal remaining on hand at Noon	138-15	60 "	

P. M.	100		0		455								
1			W.9.W.	2		80-16	60	60	57	W.	tem	Cicam	2
2			9.2549.	"		80-12		67	/		11	4	1
3			9.80.			80-10	11	68	61		"	"	2
4	3			3		8008	"	58	55		"	11	24
5	35		"	4	3	4	#	60	54		"	"	"
6	100	A CONTRACTOR	"	1		80-10	62	56	56		te	"	8
7			"		133	"	"	54	54		"	"	1
8			"	A			61	51	51		oc	"	0
9			"	"	1	*	60	54	52		095	"	4
10			4	3		11	11		53	130		Cumstin	1 11
11			"	"		"	"	11	11		0	4	
Mid			"	1	1	"	11	52	51		"	"	"
7017			1	1	1	1	-	-	01	-		-	-

Longitude by Chronometer from Afternoon Observations ⊗			
Longitude by Chronometer from Observations *	-		
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Compass by at .		,	

Commenced and until & a.M. Clear, and pleasant Jente bruge from I'd and With High water at 1 oclock - Theam presence 20 lbe Temps of bunkers 70° (Tigoud) f-K-Cogewell From & to 8 a.M. Clear Pleasant Mily Light I'M. hure . Banked fire sunder two boilers . average steam pleasure 20 the Bhukus full. Tigoued Pichard J. Davuport From 8 to Muid. Clear and pleasant, with light 9.80. If buye. Hack water at 8-80. Iwang to flood at 9- Engaged in painting ship inside. Banked fine sender two boiler. avade stram foresum 25 lbe. Temp of functure 12°. (Tiqued) Wainwright Kellogg From Meriod to & J.M. Pleasant but cloudy with mist about hour. Lister aire from I and Wo furturing last hour. Turing to est lide at 1.80. Confined Thomas Murphy (O.S. lb) to butte deck, to await action of Commanding Officer, for fighting. Tainting ship inside This touched burden tur boiles. Theam 20 lbs. Temp of buttere 72. Distilling-From 8 to Midnight. Pourcast. Light buye from I and Wo Occasional equalle. Turning to the flood at 8-45. Than feresure 25 the Temps of hunker 70! Distilling. Figured J. K. Cogswell Zient.

Examined and found to be correct.

Asalvalker, Navigator

LOG of the United States Steamer Essey" & Rate, 6 Guns, Hampston Roads Va

							/	0 0	uu	90	rou	000	aur	-		
				WINDS.			BAROSEE		-	PERATI	me a			24		
Hour.	Facts		Courses steered.	91300	1000		BANOOLE					State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clea	State of the Sea.	Record of the sail the vessel is under at end of watch.
Hour.	Anous	Fathoms	Courses sources	Direction.	Force.	Leemay.	Height in inches.	Ther.	Air Dry Bulls	Wet.	Water at surface.	by symbols.	symbols.	Sky, in	Bea.	as total or market.
		A				7			-					410		
A. M.				0,0/0-			1300					,	, .			
1				M.M.W.	3		80-11	59	55	55	333	fe	Cumhin	11	38	
2					2		80.10	58	A	-		"	4	"		
3	58			,	1		30 K	N	58	58		4	4	5	100	
4				,	R		2011	"				"	11	8		
5				0/40,0	-	-	80.15	133	51		100	*	0.0	,		
				Mitalo.		-	30.16	-	50			"	Circum	1		
6				M.M.W.	01		30.23	-	49		1000		- 11.			
7			ALCOHOL:	Value	H		30.24	*	"	H		"	Cecu Flien	111		
8				4	"		30-26	4	11	4		"	"	8		
9		20		4	0		11		58	55		11	ailum	6		
10				"	-		"	"	65	68		"	"	8		
11	30			"	11	100		59	66			"	"	4	E	
Noon.				11	11			"	"	"	100	"	"	"	1	
													The state of the s			
	Distant		n by Log since pres	adles Vace									Imate	G. el	noms.	
				sound Moon									knots	INI	an an	
			D. R. at Noon											-		
	Longi	tude b	y D. R. at Noon											*		
	Latitu	de by	Observations at No	00m ®									1	,	"	A THE PARTY OF
	Longi	tude b	y Chronometer from	m Forenoon Observ	ration	s (i)								'	"	
	Curre	nt dur	ing the time	knots fi	ma. pe	er hot	ir, setting	to th	10.							
	Varia	tion of	the Compass by A	Amplitude © observ	red at	Suno	rise							,		
	Variat	tion of	the Compass by A	zimuth ⊙ observed	dat									,		
			nded during the pro										225	-	Illone	
			and the second second			-011							340	1 80	in the same of	
			nduced	during the pre	cedin	g za	nours						750			
			sining on hand fit f										2550)	ex.	
			med during the pre-	Annual Control of the last								1	tons 26	50	lbs.	
	Coal	remai	ning on hand at No	00								137	" 130	10	"	581
-					-	-				-	_	-		_	-	
P. M		100			13		-	100	1							
1	133	150		6.H.E.	2	100	80.27	54	56	50		10	Cum	8	1	
2	13	100		6	1	100	7	0/	60	50		"	11	1	100	
3		100	1900	0.	3		80.26	00	02	07		"	11	9		
4						-	30.43	"	6/	-	-			1		
5			-	202	1	-	-	57	55	27		"	1.	"	-	
6	1	-		0.7.0.	1	1	0	-	52	5/	-		Cirlin	4 "		
7	-	-		1	1	-	80.20	55	49	48	1	-	"	1		
100					12	-	80.28	134	46	46		"	"	5		
8		12	100000	"	19		30.30	9 "	48	41		*	"	"	13	
9	-	1		" "	4		"	"	45	47	-	4	Minhou	46	100	
10				W.6.	"		80.82	1 52	144	44		"	11	8		
11					"		80.8	-	145	"		"	"	5		
Mi	d.			"	"		11	11	45	"	1	0	"	0		
-	1	-			-	-	1	-	1	1		-	1	L	-	
	Lo	ngitud	e by Chronometer i	from Afternoon Obs	ervati	ons 6)							,		
			le by Chronometer i				*							,		The second
			n of the Compass by		erve	at S	nnect							,	"	
			n of the Compass by		at									,		
					410											

under the command of Commander W. Scott Schly Salueday February 3 rd , U. S. Navy, Commune and until & a.M. Clear Pleasant - Com Hint cloude. Light N. W. W. breye. Obecured monelight. Plack water at 1-30 - Thorney to est at 2- Pauked five under two botters - Distilling - Jigned Richard & Daverport-From 4 to 8 a.M. Overcast. Calm. Pleasant. Riding to est during watch. Banked fire under two briles. Average steam present 80th. Temp of bunker 72°. Distilling.

(Tigued) Wainwright Kellogg. From 8 to Meriol. Clear and pleasant Calm. Twing to flored liste at 9.80. Engaged in painting inside and elettacing Hocks. Touched rife sport outside. Fine Fanked and elettacing Hocks. Touched rife Story of bunker 14.

From Meriod to 4 P.M. Clear and pleasant. Light P.4 trupe. Turng to est at 2-20. Engaged in painting and chellacing. Iteam presence 20 the Banked fine smoled two tribus. Gigued f. T. Tullivan Lieut. From 4 to 8 P.M. Clear and pleasant during first part, afterwarde partially overcast. Light heere from I'd dust God This swang to the ett. Finte tanked under two toller. average steam 20th. Bunful full. Figured J. K. Cogewill From 8 to Midwight Cloudy Cold Damp. Light H. E. Luye. Com Himt-clouds. Plack water at 8:50. From to flood at 9:50.
Pranked five under two boiler. Average elean pursue 20 lbe.
Tump of hunkur 70° (Tigued) Pichard J. Danufort

Examined and found to be correct.

Asalvalker, Lient Navigator.

LOG of the UNITED STATES

Steamer Essey" grod Rate, 6 Guns, Hampston Poadle Va

_	_	_			_	_	-	-		_	_		-		-	
				WINDS.			BAROSEE	TER.	TEN	PERAT	VEZ.	State of the	Yerms of	Clear Miss.	State	Powel #40 - 24 11
Hour.	Knota.	Pathoma.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Buls.	Mr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Char- Sky, in 10ths.	State of the Sea.	Record of the sull the rested is a at end of watch.
. M.				010												
1				1.0.	3		80.85	49	45	46		09	au kin	10		
2				11000	2		11	N	44	45		te	"	6		
3				H.H.6.	57		30.36	48	48	48		tog		2	100	
4				"	5		30.40		42			09	"	0	20	
5				N.O. Th.	2.5		"	46	48	44		"	Com Ice			
6				MH.G.	24		80.42	45	1	1		4	11			
7				-	3		"	"	1	1			"	11		and the same
8					-		80.47	"	"	"	3	beg		4		
9				11	"	100	30.50	46	44	45		te	11	7		
10				"	14		11	48	45	46		"	"	8		
11				"	4		4		46	47		"	"	11		
Noon.				N.C.			4	49	45	46		4	"	9	1	
-	1		Record Control	Part Control				1			100			/		

Distance run by Log since preceding Noon		Knots	Inth	ioms.	
Latitude by D. R. at Noon			,	"	
Longitude by D. R. at Noon				"	
Latitude by Observations at Noon ⊗					
Longitude by Chronometer from Forenoon Observations ©					
Current during the time knots fins. per hour, setting to the				633	
Variation of the Compass by Amplitude ⊙ observed at Sunrise			,	"	
Variation of the Compass by Azimuth ⊙ observed at			,	~	
Water expended during the preceding 24 hours		22	5 gai	llons.	ı
Water during the preceding 24 hours				4	ı
Water remaining on hand fit for use at Noon		2/	90	44	
Coal consumed during the preceding 24 hours	/	tons 9.	40	Ibs.	
Coal remaining on hand at Noon	13	6 . 3	60	44	

P. M.		30						4000		
1	N.E.	3	8046	49	45	46	te	Oi bun	7	
2		4	30 ht				1	11	"	
3		2						11	6	
4		4	80.43	#					2	
5	6		3044	50	44	44	"	Com King	3	
6	"	4	8048	11	48	48	"	11	4	
7	"		,	-	,		"	"		
8	"		"	11	11	"	"		1	
9	"	3	11	48	48	48	"	#	"	
10	"	1.2	"	49	44	44	0	11	0	
11	"	"	"	48	48	4	oh	Himb	"	
Mid.	4	1	"	"	"		or	"	*	

Longitude by Chronometer from Afternoon Observations Θ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

under the command of Courseauder W. Scott Schly , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Dominunces and until 4 a.M. Orneast, cool. Fruit bruge from He and Ed Legually - Plack water at 2.45. Riding between wind and lebt tide during latter part. Signed Wainwright Kellogg From 4 to 8 a.M. Overcast, with equalle from H. E. d Cleaning up Last hour. Hew York strawn came in and passed up to Horfolk- Risling to est tide. Fine banked smoke two boiles. Theam 20 the Think of huntere 1/2 Tigouse) Sam & Lewey Ensign From 8 to Muid - Clear and pleasant. Fresh Luge from Hodand & of at 945 Commanding Office inspected crew at quarter - at 10 Executive Office read article for the better government of the Havy, immediatly I Halling (2. C. B.) and Pober Mc grockin (2. C. B.) desuted, from toat Inning to flood at 10.20. Pichard Brale (Hack) released from confinement by order of Commanding Office. Banked fire under let tribus. Average present 20 lk. Temp of Sunker 72°- Ligned) f. T. Fullivan Ligned J. T. Fullivan From Huid to 4 P.M. Blear. Pleasant. Light H. G. hure. Hack water at 245. At 345 Hidelipman Hamme and Coople forme returned from an unsuccusful search for denter. Banked fine sender two toiline.

an unsuccusful search for denter. Banked fine sender two toiline.

Average stiden freedom 25 the Temp of humber 70°D

(Signal) f. K. Cogswell

Link. From 4 to 8 TM. Cloudy and cool during entire watch- Light ture from & I this seveng to est at 4- Third banked under two toilur. Average steam ference 25 lbe- Temp of hunkere 70°-(Figured) Nichard J. Davuport From 8 to Midnight- Doucast and cool with light free from 60 !-Slack water at 9.45. Twomag to flood at 10.80. Occasional Eleowers of rain during latter feart- Banked five under two briles -Courage strain feverence 30 lbs. Temps of truspers 70° Distilling-(Tigued) Wainwright Kellogg

Examined and found to be correct.

Asalvalker, Navigator

Variation of the Compass by

Steamer Exty" & "Rate, 6 Guns, Hampston Poadle Va

							/	00	in	40	w	u (oavy			
				WINDS.			BAROME	TER.	THM	PERATU	URE.		1868	11		
Hour.	Knots.	Pathons.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.	Ther.	Air Dry Bulls.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is unde at end of watch.
A. M				01010												
1				N.N.O.	2		3040	49	44	44		00	Himt	0		
2	133			"	3		81.86	47	48	48		te	Crum Min	18		
3				,	2		,	"	"	42		teg	"	1		
4							8084	11	-	-	20	of	Munh	0		
5				"	3		80.80	46	48	44		"	"	"		
6				,	11		"	45		"				"		
7	33			"	1		4	46	44	45		"	"	"		
8					A		80.28	"	48	44		"	Cuntin	1"		
9				*	"		80-24		45	45		"	"	"		
10				40	*			47	46	46		N	"			
11				H.O.			80.22	48	"	4		"	#	11		
Noon				4	1			50	49	49		4	4	*		
Jane						-							-	-		
	Distan	oe ru	n by Log since pre-	eeding Noon									knots	futh	oms.	
	Latito	de by	D. R. at Noon													
	Longit	inde l	by D. R. at Noon													
	Latitu	de by	Observations at N	oon 🖯												
	Longit	tude l	by Chronometer fro	m Forenoon Observ	vations	0									-	
			ring the time				ır, setting	to th	0							
	Variat	tion o	f the Compass by A	Amplitude © observ	red at	Sum	rise								"	
	Variat	tion o	f the Compass by A	zimuth @ observed	d at									,		
	Water	expe	ended during the pr	eceding 24 hours									22	5 ga	llons.	
			Douglased		eeding	24	hours						47:	5		
			aining on hand fit i		988								219	0		
			med during the pre									1	tous 66	0	lbs.	
			ining on hand at No										" 184		41	
					-											
P. M	L	13		11					1					133		
1	4 30	1		H.	1		80.18	51	47	48	+	or	Him	0	100	
2				"	,		80-15	"	"		13		"	11		
8				"			"	"	4	"		ofr	. "	"	139	
1	1	13	100000	1				"	4	46		0.0	11	#		
-			1000000	,			80-16	50	47	47		ou	"	"		
	G		100000				"	51	"	1	18	0	4	4	100	
	7		1 100000	"	1	1	80.18	52	11	48		,	1		100	
		1		,"	01	1	80.1	7 11	48	- "	100		"		13	
	9	1		Calm	0	-	801	651	46	46	5	te		1	133	1000000
1	.0	-		"		1	-	11	0			"		1		
	11				"			"	17	17	1	ou	4	0		
M	lid.						11	1	"	R	199	-	.4	11	1	
-				-	-	-	-	-	-	-	-	-	-	-	-	
				from Afternoon Obs	ervatio	ons ©							,	,		
			de by Chronometer				*						Mana Carl	1	*	
			on of the Compass b	y Amplitude ob	served	at S	unset						•			
	100	THE REAL PROPERTY.	on of the Common b	40											30	The second secon

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Orumuce and entit & a.M. Cloudy and rainy qualit part of watch -Moduate hure from H.H. C. - Plack water at 11.80 - Fine han ked in two boilur-Tram 30 lbe - Temps of hunker 69 2 Distitle in operation -Tigues Jam & Lewey From & to & a.M. Orneart, rainy and cool_ Light N. N. S. huye Thomas to ett at 5.45. Branked fine whole two toiler - average stiam persone 30 lbl. Temp of hunker 70 - Distitling - Ligenst f. T. Fullingu-From 8 to Minist - Derecast and rainy during entire watch - Light-ture from H and & Plack water at 1045. This living to flood at 11-20 Fine tambers under two boiler average Stram pursue solle-Trust of tunker 70 - Distitu in operation - Gigued) f. K. Dogwyll From Minist 1-d PHI Organ to Print Bal List of the Sint From Muid It & T.M. Overcast-Rainy-Cool - Light It there troggy latter feart of watch. Plack water at \$30. Furning to est at he Prough of humber 702 Distilling - Gigued Pichard J. Dayuput From & to 8 T.M. Orneast, cool Light huye from He Riding to
est tide Fine banked under tur triber average steam Justime
20 the Temp of tunken 72 Distilling - Pigned Wainwright fellogg

CErom & to Midnight Orneast but pleasant both. From 8 to Midwight Orneast but pleasant Calm - Plack water at 9.30 - Turing to flood at 11-45 - Friend tamped under two boiler - Steam 30 lbe- Turing of bunkers 18° Distilling Digner Sam O. Lunly Enrigher -

LOG	of	the	UNITED STA	tes Hi	an	uu	Service of	4	De	y le	of ton	i l	Goad			Rate, 6 Guns,
Hear.	Knota	Fathorns.	Courses strered.	WINDS. Direction.	Force.	Leeway.	Beight in inches.			Alr Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
A. M.				N.W.	~		30.14	52	47	47		one	Himb	0		
3				w.	12		11	50	" "	"		"	"			
5				4.9.W.	3		8016	48	45	46		of.	11	"		
6				w.	"		80.18	47	43	48				"		
9				Calu	0		30-26	1	45	45		•	4.0	"		
11				H.	2 "		0	50	17 "	17		te "	Cirban	30		
Noon.				"			00.27	5/	7.6	46			,	-		

Disease run by Log since precenting Moon	knots inthoms.	
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊙		
Longitude by Chronometer from Forencon Observations ⊙		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		
Variation of the Compass by Azimuth ⊗ observed at		
Water expended during the preceding 24 hours	225 gallons.	
Water Conclused during the preceding 24 hours	780 "	
Water remaining on hand fit for use at Noon	2700 "	
Coal consumed during the preceding 24 hours	/ total / 3 60 lbs.	
Coal remaining on hand at Noon	133 " 580 "	

P. M.										
1	N.6.76.	2	8026	50	46	46	te	bir bu	9	
2	W.C.		8025	1	11	4		Come	11	
8	",	12	1	-	"	"			1	
4	6.1.6.	1	11	11	45	45	+	Home	10	
5	H.N.C.	1	8024	48	47	46	te	Cum Ita	9	
6	"	1	"	"	"	4	1		8	
7	0.	01	4	50	48	47		Cum	9	
8	9.6.	"	11	51	49	28	4	4		
9	,	A	80-28	18	48	- 0	+	Hou	10	
10	Calm	0	"	50	47	47	4	"	"	
11	9.W.	0.1	4	49	46	46	1	*	*	
Mid.		4	"	48	44	44	"	4	*	

Longitude by Chronometer from Afternoon Observations ⊗	,	
Longitude by Chronometer from Observations *		
Variation of the Compass by Amplitude observed at Sunset	,	
Variation of the Compass by at	,	N

under the command of Commander W. Pott Schly , U. S. Navy, Commences and until & a.M. Orecast, fogy, cool and disagreeable. Zight air from U. Cisting to flood - Banked Live under two boiled - average stran freezen 80 lbs - Temps of bruker 70° Distitus in operation -Tigned) f. T. Tullivan From 4 to 8 a.M. Overcast and foggy during entire watch. Light house from I dand W. Lehifting to West Phip Riding to ett. Fine tanked under tur toilure - avenue elean present sollie of Distitle in operation - at 6-80 the garieon belonging to Forture Moreroe arrived from Washington - a salute of 18 game was find from the fort-Figured J- K-Cogewell Link. From 8 to Meriol - Poucast- Foggy - Light H 4 here - Suefucted at quartet at 9.80 - Broke out light saill - Broke out and that Mainsail and Fore Topmart Clay sail - Piding to ett- Clear and pleasant latter part of watele - Banked fine under tur boiler - avrage stram present 30 lbe Temps of burber 73° From Muid It & T.M. Clear and pleasant Light hure from Hand de Hack water at 12.15. Suring to flood at 1. Bent light laile, Shing fit and suizen gaff topsail - Bent tacks and shute- at 5.30 fouled sail - Time tanked under two toilures average steam personne 35 lbe- Temp of tour bond 7. 85 lbe - Temp of tunque 72-(Tiqued) Wainwright Kellogg From 4 to 8 T. M. Clear and faleacant, light variable aire. Plack water at 4-40. Turning to est at 5. Engaged in perfearing shife for sea - Hoisted smoke pipe. Fine tanked under live toiler. Theam penseure 20 lbe. Temp of tunken 71. (Signed) Pam C. Lendy Onight.

Trom 8 to Midnight - Clear and cool - Bright Startight - Light variable aire. Riding to est tide - average steam 20 the Tunken for 10. (Tiqued) f-T- Pullivay

Examined and found to be correct.

Asaltalken, Navigator.

LOG of the United States Steamer Colleg" grol Rate, 6 Guns, Hamplon Poade Va

,																	
					WENDS.			BAROME	TER.	TEN	SPERAT	TRE.	State of the	Vormand	No.	- Contra	
	Hour.	Knots.	Pathoms.	Courses steered.	Direction.	Force.	-	Height in inches.	Ther.	Ale	Air Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear,	State of the Sea.	Eccord of the sail the v
			Pad				Leeway	Inches.	att'd.	Balk	Bulb.	earfain.			Strop Stry,		
	A. M.				0									,			
	1				9.	2		8032	47	40	40		to	Cie	y		
	2				"	N		"	"	"	"		"	"	"		
	3			-	9 by &	"		30.30	11	H			4	,	8		
	4	-61			411	N	-	80.25	11	"	"		"	"	"		
	5			0.57.7	921	8		80.22	10	1.1.	1.6		"	leis Com	11		
	6				7.00.	"		00.22	17	77	77			Ci Vi	16.		
	7		3		ddar			00.20	48	"	1.0		"	Qu /h	6		
	7				7.7.00.	20		80-18	11	1.0	73			-	Ž.	100	
	8				de-	3	-	"	11	48	44	- 10	"	1.1	4	-	
	9				9.W.	A	-	8016		47	46		"	Culom	1	-	
	10				"	*		11	52	50	49	200	"	4	8		
7	11		3		11.	2	3	A	11	14	N		4		7	36	
	Noon.				9.4.20.	1		8014	55	53	52	120	4	"	"		
					-												
	1	Distanc	oe run	by Log since preco	eding Noon									knots	fath	oms.	
				D. R. at Noon											,		
				y D. R. at Noon											,		
				Observations at No	0										,	"	
																	332333
				Chronometer from										-	'	"	
				ng the time		910		ur, setting	to th	e							100000000
		Variati	on of	the Compass by A	mplitude ⊗ observ	ed at	Sun	rise						*	,	*	-
	1	Variati	on of	the Compass by A:	rimuth @ observed	st										A	
	1	Water	expen	ded during the pre-	ceding 24 hours									225	gai	llons.	
		Water			during the pres	edin	g 24]	hours									
		Water	rema	ining on hand fit for	r use at Noon									219	0	"	
		Coal e	onsun	ned during the prece	oding 24 hours								130		0	Ibs.	
		Coal r	emain	ing on hand at Noo	a									. 204	0	44	
													1	7.	•		
	P. M.		6										,	1	10		
	1	A		lusvay	92/42/	-1		80-10	54	-	54		te	bi bu	,	100	NO SERVICE
	2	244		direction	d'a.	,							"	Part of	"		
	3	- de	1 6	Bil	dir	2		80.06				-		11		1	100
	4	3	1	d'h	J. cy.	0		80.05				-	00	1700	0	200	
		18	X	9.6	7.	3	-	"	56		N	-	te	"	2	-	100000000000000000000000000000000000000
	5	7	*	9.76.9/4 8.	"	3	-	80.06			51		fem	Oun	3		-
	6	10			"	N		80.07			11	1	N	'	4		
	7	"		"	"	"	10	80.08		51	50	100		11	8		The same
	8	10	2	11 00%	"	"	10	30.10	58	52	51		"	"	"		751000000
	9	8	6	9.46.46.	"	"	100	1	54	50	50		"		11	100	
	10	9	6	114 180 0	"	"		N	58		"		"	"	2		
	11	4	6	7.72 6.	"	4		"	11	11	11		4	"	"		
	Mid	10	6	9.1/2 6.		*		"	"	"	"	1	"	"	1	1	
	-	1	-		The second second second		1										
		Long	gitude	by Chronometer fro	om Afternoon Obse	rvatio	ons ©								,		
				by Chronometer fr				*									
				of the Compass by		erved	at St								,		10000000
				of the Compass by		at									,		
						-										-	-

under the command of Commander W. Tooth Schly U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and with 4 a.M. Clear bool Pleasant Startight Light I't here. Thomas to flood at 12.40. At 3.15 mone rose. Banked fine under hor toiler. Temps of thinker 70° average stram foresence 30 lbs. Gigend) Richard & Davenport From 4 to 8 a.M. Commenced clear and cool. Moduate here from Tot and Wet Hack water at 4.30. Suring to est at 6. Tecund boats for sea. Righted fine under 8 main boilue at 6. (Tigued) Wainwright Kellogg From I to Muid - Clear and feleasant - Moderate heer from Ilv felling light latter frant . Engaged ferefraing chife for sea . at 11 trought to on port cliain and hove up fort andin, foul at 30 fathous cleain - Received from Norfolk Hary Gard, per "Pinta", in Equipment Department, one anchor wrighing 8754 the, and in Navigatore Department, 47 galle land oil - Steuch starboard anchor below and but Starboard cliain to the anchor received - Poy order of Commanding Officer, Midelifuman C. Heusturon eval surprinded from duty for sursking solun on duty in boat- Thise draught, forward 14 ft 3 in, amideliste 14 ft 2 in, aft 16 ft Time in all boiler. Theam 76 lbe- Tunk of huntere 76 - Since of Tiguest) Fam 6. Levely From Muid to 4 9.M. Clear and felearant- Light heeze from I and Wet Cleaned fort bown anchon and secured botte anchor for sea - Un that port chain at 2.40 sighted U. I. I. Powatara" bound for Horfolk and exchanged sum tue - Pilot left at S. at 3.15 look departure, Cape Henry braing Et, distant two wille- Teveral eail in eight-Land on Startoard qualte- Time in all toilur - average steam 70 the - Temp of but kee 90'- average revolutione 60-9- at 845 set fit and flying fit-(Tigued) J. K. Cogewell Link-From 4 to 8 9. M. Clear overhead, hazy around horizon Light I't heye - at 4.45 changed course to 9.46. & Eauch look in fit and flying jit - Righted Curitach Light at 6 octock having 9. W. 4 9. average eliane 70 the - Porblutione 58 - Tunf of hunker 120 -(Tigued) f. T. Pallivan From 8 to Midwight Weather cloudy and hazy-Light I'ly huye. Tea smoth at 8-30 got a cast with the lead in 15 fathouse water - at 10-30 Brody Island Light bore flec) W, altered course to I'k 6. and have the head, 13 fathouse water - at 11-15 eighted Hatter Light having (pc) 9.9.80.16 80. Illiam foressee 70 the Boothitone 58 - Temp of humber 100 - at end of water Hatters Light fore 9.9.00. It w. Pec) Brody Elland Light fore Will It W. (Tigued) f. N. Cogswell Lieut. Navigator. Examined and found to be correct.

Variation of the Compass by

Tteamer Elley" grd Rate, 6 Guns,

										(NI	vea	-			
										-						
				WINDS.			BAROME	TER.	THO	PERAT	URE.	State of the	Posses of	f Clear 10ths.	Gun	
Hour.	Knots.	-	Courses steered.	ALC: THE	199	6	Weight in	There	Me	Alr	Water	Weather, by symbols.	Forms of Clouds, by symbols.	of c	State of the Sea.	Record of the sail the vessel is under at end of watch.
		Fatheme		Direction.	Force.	Leewig	Height in inches.	att'd.	Alr Dry Bulls	Air Wet Bulb.	al-	of shmoon.	вушоев.	Shr.	Deal	
	-	-			-	H	200							4-00		-
A. M.			1	0101	100								1			1
1	10	-	9/36	11116	,		8	-50	E.	FA	11	Low	Cum	4	9	Iteauring 8
100		0	2.1.0.	71.00.0.	1		80.01					rem		1	1	maning 8
3	9	,	"	N.G.	4		80.07	54	52	级	69	"	11	2	11	toilue Tourail.
3	52	46	9.1/4 80.	"	6		30.00	59	59	59	74	"		0	18	
4	1		derles				2- or	./	1	11	7.	"	11	,	7	
-	10		7.00. / × W.	MAID	5	-	39-78	."		"	10	,	1 1	/	11	1
5	11		11	M.H.G.	3		80.00	58	58	58	69	to	Oun It	6	11	Teaming & toiler
6	11		"	4	H		80.02	50	59	11	64	"	"	5	11	Fr. 1. 21
-	1,		4	"	1		0	1	1	1	ar		1 9.		-	Towail Topeaile
7	14	2		21210	4	-	80.08	60	11	59	11	osu	Cum Him	40	4.	Topogallante Raile
8	12		"	M.N.G.	11		80.04	4	58	58	B	4	11	-	"	4 fit-
9	2		9.w. 4 w.	N.46.	"		11	59	59	50	10	"		4	"	of
	0		7.80. 700.		-	-	-	1	2/	59		,		2	1	Freeail, Topeaier,
10	13	,	"	MN.G.	"		N	60	00		57	bem	4	3	M	Toto gallautraile
11	5	4	9.00.98.728	. "	5	137	8005	N	"	-	74	"	N	5		For Royal &
Noon.	18	6	,,		11			,	54	55	70		4	2		1:10
Dioon.	10	0	4	- 11	"	-	30.04	-	9/	1/	10	10000	10000	1	-	Jur-
-	100			-	-	-					-	-	-		-	
	Distan	000 FIL	n by Log since prec	eding Noon								1/7	_ 4	Gab		
				come avoca								21/2	knots 🛠	min	oms.	
-	Latitu	de by	D. R. at Noon									2	4.0	0	o-n	
	Longit	tude b	y D. R. at Noon									7	6 . 5	1.	" W.	
				0								/				
			Observations at No										- 1	7.9	A M	C. C. S. S. S. C.
	Longit	inde b	y Chronometer from	n Forenoon Observ	rations	0							76.4	2'	" W.	
	Curren	nt dur	ing the time	knots of fi	ma no	e hon	r, setting	to th	9	71	0 1	2				
			-B		mer po	a mon	a, bestung	40 60		//	LE.	/.				THE RESERVE THE PROPERTY OF THE PERSON NAMED IN
									1		-					
	Variat	tion of	f the Compass by A	mplitude ⊗ observ	red at	Sunr	ise		1					,	,,	
				mplitude @ observ	red at	Sunr	ine		-						"	
	Variat	ion of	f the Compass by A	mplitude ⊗ observed	red at	Sunr	ise		/					,		
	Variat	ion of		mplitude ⊚ observed zimuth ⊙ observed ceding 24 hours	red at	Sunr	ise		-					,		
	Variat	ion of	f the Compass by A	mplitude ⊗ observed	red at	Sunr	ise		/				:	,		
	Variat Water Water	expe	f the Compass by A.	mplitude © observed zimuth © observed ceding 24 hours during the pre-	red at	Sunr	ise		/					,		
	Variat Water Water	expe	f the Compass by A. nded during the pre-	mplitude ⊙ observed zimuth ⊙ observed ceding 24 hours during the pre- c use at Noon	red at	Sunr	ise		/				119	5 gal	" llons.	
	Variat Water Water Water Coal	expe	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude ⊙ observed zimuth ⊙ observed ceding 24 hours during the pre c use at Noon eding 24 hours	red at	Sunr	ise		/					5 gal		
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1 2 3	Water Water Coal of Co	experience	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude ⊙ observed zimuth ⊙ observed ceding 24 hours during the pre c use at Noon eding 24 hours	ored at 1 at cooling	Sunr	nours	59 58	56	56	70	109	219	5 gal	llons.	- 1
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1 2 3 4	Water Water Coal of Coal of Page 100 Pa	r remain	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude © observed zimuth © observed ceding 24 hours during the pro- c use at Noon ceding 24 hours on H.H.G.	ored at at at seeding	Sunr	30-04 80-05	59	56 " 57	56 " " " "	70 68 71 65	10° 10°9 tem	219	5 gal	llons.	Topogalland-Laile.
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1 2 3 4 5 6 6 7	Water Water Coal : Coal : 75	experience of constant of the	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude © observed zimuth © observed ceding 24 hours during the pro- c use at Noon ceding 24 hours on H.H.G.	ored at 1 at cooling	Sunr	30-04 30-05	59 58 "	56 " 57	56 " " " " " " " " " " " " " " " " " " "	70 68 71 65 64 66 69	10° 10°9 tem	Cumping of the Same	500	Ibs.	Topogalland Laile, fit and Poyale- Foresail-Toposaile, Royale
1 2 3 4 5 6 7	Water Water Coal of Coal of Solid So	r remain	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude © observed zimuth © observed ceding 24 hours during the pro- c use at Noon ceding 24 hours on H.H.G.	red at 1 at coding	Sunr	30-04 \$0-05 80-05	59 58 " " 600 " "	56 " 57 " * 58	56 " " " " " " " " " " " " " " " " " " "	70 68 71 65 64 66	10° log tem	Countries of the Countr	500	llons.	Topogalland Laile, fit and Poyale- Tourail-Topogalland Raile and Topogalland Raile
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1 2 3 4 5 6 7	Water Water Coal of Coal of Page 100 100 100 100 100 100 100 100 100 10	experience of constant of the	f the Compass by A. aded during the pre- aining on hand fit to med during the prec-	mplitude © observed zimuth © observed ceding 24 hours during the pro- c use at Noon ceding 24 hours on H.H.G.	red at 1 at coding	Sunr	30-04 30-04 30-05 80-06	59 58 " " 600 " "	56 " 57 " * 58	56 " " " " " " 57	70 68 71 65 64 66 69 "	10° log tem	Countries of the Countr	500 500	Ibs.	Topegalland Laile, jet and Poyale- Forelail-Topeaile, Royale and Topegall mul Laile Single Reefed Topeaile
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under the command of Commander W. Scott Schly Thursday February & the , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commenced and will & a. M. Oricast. Warm Misty. Freel H. C. wind bum cloude - at 12.50 Enade Cape Hattuse Bracon having (foe) 9.W. 4W. at 1.10 lost eight of Broy Island Light having (foc) H. Helv. at 1-80 Cape Halture Light fre (foc) W. Stopped engine and got cast of lead in 17/2 faltione, landy bottom - at 1-45 started alread - at 2 entired outer edge of gulf stream - at 2.30 stopped and got two caste, see bottom at 50 fattenes - at 245 started alread and changed course to Idand Wit at I changed course to 9.00.12 wo and set Foresail - at 2.30 lost sight of Cape Hatters Light having (pc) W. H. W. Gleaning with eight boilur - average Steam presence Go the Revolutione 58- Temps of (Tigued) Pichard & Danufrogt From 4 to 8 a.M. Pourcast Misty Warm - Fresh buye from N. N. E. at 6 course Topgallant and Royal Yarde. Made Sail to topgallant saile, hoisted fit - Training with 8 boiler - average strand freezence 68 lbc - Temp of trunker 120 - Revolutions 55 - Giorna) Warminght Kellogg From 8 to Muid Thopped engine, buffed to and got cast of dup lea lead at 8-05, no tottom at 50 fathour! Thord on course at 8-20. Cloudy with mist around horizon, cleaning up last hour - at 10-22 stopped engine, let five die out in tur boiler and banker fine in lif - at 1025 changed course to 4.W. 4W. at 1045 disconnected propellor Ternal sail in sight. Oxchanged colore with annican barque standing to &d at 10.35 let Fore royal - Than 50 lbe - Portuline 55. Temps of bunker 110. Builting -(Tigued) Sam C. Lewly From Meriod to 4 P.M. Clear and pleasant. Fresh H. M. C. Luye. at 2:30 hought by the wind and got cast of lead in 23 fathouse, while sand _ Filled away at 1245. Changed to 9.W. 4 W. at 12.25 _ Put over feature log at 1245. Tet Royale at 120. Banked fine in six boilur - average feresure 25 lbe - Temp of humpus 100-9 From 4 to 8 9. W. Cloudy and pleasant- Fresh H. Theye Moderate lea setting to 92 at 5-15 Unultied at quarties. Et 5.80 look one seef in the lopeaile and sent down loyal yarde. at 6 sighted Frying fram should light having H. W. W. not visible from deck- face Went. foluen (2006) extra duty for 4 douch, from 12 to 4 a.M. for three nights, by order of Distille in operation - at 8 hauled in patent log - Presidend 68 miles - Prest it -

From 8 to Midwight- Cloudy Gool. Plealant-Moduale N. 4 bruge. Privoth Lea. His rolling vig. ON 8 changed come to 9. W. 12 W. Branked fine under six briling. Distilling. awage steam pressure 20 the. Temps of humber 76 - (Tigued) Cicleard & Darrybort-Limbert & Limbert & Limbert

Scallacker, Navigator.

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	P. M. 1 2 3 4 5	Water Coal : Coal :	consultation of the second of	Priolitical aining on hand fit for med during the preor ining on hand at Nov 1.6.12 9. 1.7.2 8.	during the precorder use at Noon peding 24 hours on	4.5.		80.03 80.02 80.01 29.99	64	62 64 63	62 62	69	101 tc	68 219 ous 17 6 5 7	0 65	" lbs. "	Topsaile Topgallant
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	P. M. 1 2 3 4 5 6 7 8	Water Coal : Coal :	consultation of the consul	Priolitical aining on hand fit for med during the preo ining on hand at Noo ining on hand at	during the precorder use at Noon coding 24 hours on	4.5		80.03 80.02 80.01 29.99 80.00 80.02	64 68	62 64 63	62 63 62 "	69 68 69	101 bc	Gir General Stient	0 65	" Bbs. " " " " " " " " " " " " " " " " " " "	Topsaile Topgallant
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	P. M. 1 2 3 4 5 6 7 8	Water Coal : Coal :	consult on the consult of the consul	Priolitical aining on hand fit for mod during the preor ining on hand at Nov # # # # # # # # # # # # # # # # # # #	during the precorder use at Noon coding 24 hours on	4.5		80.03 80.02 80.01 29.99 80.02 80.03 80.04	64 68 "	62 63 62 " " "	62 63 62 11 11	69 68 69 68 70 72.	101 bc	Gi bines Minet Cum Hims Cum Him Cum Him	791798	" Bbs. " " " " " " " " " " " " " " " " " " "	Topsaile Topgallant Sails, Toulail and Toulfunant stay earl
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	P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal : Coa	remain 4 6 2 4 4 6 6	Produced aining on hand fit for mod during the precining on hand at Noon ining on hand a	during the precorded use at Noon beding 24 hours on M.H.C.	4.5		80.03 80.02 80.02 80.02 80.02 80.03 80.06 "	64 68 62 64 68	62 68 62 " " 64 68	62 63 62 11 11 11 11 11 11	69 68 69 68 70 72 "	101 tc " " tcl " " " " " " " " " " " " " " " " " " "	Gir Generalians	0 0 65 5 4 7 9 1 7 9 8 8 " "	" Bbs. " " " " " " " " " " " " " " " " " " "	Topsaile Topgallant South Toulail and Toutail, lingle sufed Topsail, Topgalland Laile - Toutofunat Staypail & Client
	P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal : Coa	remain 4 6 2 4 4 6 6	Produced aining on hand fit for mod during the preconing on hand at Noon ining on hand a	during the precorded use at Noon beding 24 hours on M.H.C.	4.5		80.03 80.02 80.02 80.02 80.02 80.03 80.06 "	64 68 62 64 68	62 68 62 " " 64 68	62 63 62 11 11 11 11 11 11	69 68 69 68 70 72 "	101 tc " " tcl " " " " " " " " " " " " " " " " " " "	Gir Generalians	0 0 65 5 4 7 9 1 7 9 8 8 " "	" Ibe. " " " " " " " " " " " " " " " " " " "	Topsaile, Topgallant Soulfunast stayeail. Toulail, lingle sufed Topsaile, Topgalland Laile-Toulofunast
	P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal : Coa	remain k	Priolitated aining on hand fit for mod during the preo ining on hand at Noon ining on ha	during the preconsection use at Noon peding 24 hours con **M.H.E.** **M.M.E.** **M.M.E.** **M.M.E.** **M.M.H.M.** **M.M.M.** **M.M.	4.5		80.03 80.02 80.02 80.02 80.02 80.03 80.06	64 68 62 64 68	62 68 62 " " 64 68	62 63 62 11 11 11 11 11 11	69 68 69 68 70 72 "	101 tc " " tcl " " " " " " " " " " " " " " " " " " "	Gir Generalians	0 0 65 5 4 7 9 1 7 9 8 8 " "	" Bbs. " " " " " " " " " " " " " " " " " " "	Topsaile Topgallant South Toulail and Toutail, lingle sufed Topsail, Topgalland Laile - Toutofunat Staypail & Client
	P. M. 1 2 3 4 5 6 7 8 9 10	Water Coal : Coa	remain construction of the	Problems of aining on hand fit for med during the preceding on hand at Nooning on hand at	during the preconce use at Noon peding 24 hours on M.46.	\$	ns ②	80.03 80.02 80.01 29.99 80.02 80.03 80.06 "	64 68 62 64 68	62 68 62 " " 64 68	62 63 62 11 11 11 11 11 11	69 68 69 68 70 72 "	101 tc " " tcl " " " " " " " " " " " " " " " " " " "	Gir Generalians	0 0 65 5 4 7 9 1 7 9 8 8 " "	" Bbs. " " " " " " " " " " " " " " " " " " "	Topsaile Topgallant South Toulail and Toutail, lingle sufed Topsail, Topgalland Laile - Toutofunat Staypail & Client
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under the command of Commander W. Scott Schley , U. S. Navy, , 1877. The following hamed 2 nd c. Brown, boill be rated 1 stc. Brope from February 9 the fincturior) for good conduct- By order of Commanding Office, Tignu H. Barometer steasy. h of hunkere 76°. Vainwright Kellogg dand & Link Falich Touch -W. 4. Mc Can. F. W. L. Gray-Harry Hill of in six boiler Than D. W. Hellen -Bailey Leanny -Francie Thieldle . ed Jam C. Lewy Ed Moran -9. H. Oumour Gred Wolfinger -1-8-40 crossed royal yarde to 9.W. 1/2 9. Baronete J. C. Gable_ Pobut Landon -:- Tempe of huntere 72° fresected crew at quarter at 9-30 - Piled lide roper - Lost a few bucket over tourd from Foreloge -(Tiqued) f. T. Fullivan From Muid to 4 T.M. Weather warm and pleasant- Moduate Luge from He Lie surduale, well setting to the 90 and Wed at 12.80 got a cast with the lead in 20 fathour, fine gray cand. At 12.40 cleanged course to 9.1/2 W. This rolling easily, maximum 17° Please presence 30 the Temp of how per 95° - Peleand That Murphy (10.18) from confinement and made him a prisoner at large, byorder of Commanding Office. From 4 to 8 9.M. Weather clear, warm - Light W. 46. heye, lea Swooth at 5-10 Nook in and fulled royale, took our reef in topeaile, sent dong Royal yarde-at 7-45 got a cast of dup sea lead in 25 fathous water Lighthing to 18 4 62. Time banked in six boiler- average steam pursue 30 the Temp of blugue 100° (Tigued) Pichard J. Daverport From 8 to Midnight. Clear and pleasant Frule here from Wo and 6 d at 9.45 changed court to I'k G. Compled on propello and started engine - Under strange and sail . Lightining to Ho and 6 d Hear fruiter 60 the Temp of humber 84. avail and 6 d Heart fruiter 60 the Temp (Tiqued) Wainwright Kellogg Examined and found to be correct.

Asalvalker, Lieut. Navigator

, 1877.

Tive banked in lig boiler - average steam foresum 30 lbe " Temp of humper 76°. Distilling -Tignest) Wainwright Kellogg From 4 to 8 a. M. Overcart but pleasant, fuch buye from Ho and 6 of baroute steady. at 7-20 Mort rufe out of topraile - Sea Smoothe - Fire tanked in six boiler - Status 30 lbe - Temp of hunker 100 - Stopped distilling at 6 - at end of watch feature log indicated 85 /2 Knote - Peret and put it over again - f. Signed Same 6. Levely Busions Ourigu-From 8 to Muid- Clear and pleasant Freel N. N. G. Luye - at 8-40 crossed royal yards and feut gene - At 8.50 set royale - At 9.30 changed course to 9.W. 1/2 9. Baroweter steady - Fine banked in six boiler - average Junean 30 lbe Temp of humpur 72° Fresected crew at quarter at 9-30 - Piled lide roper - Lost a few bucket over toard from Foretofe -(Tiqued) F. T. Fullivan From Muid to 4 P.M. Weather warm and pleasant- Moderate huge from He Lea surdualit, well setting to the god and Wet Ot 12.80 got a cast with the lead in 20 fathore, five gray cand. at 1240 changed course to I. 12 W. This rolling easily, maximum 17° Gletane presence 30 He - Temp of how per 95° - Peleand That Murply (1.C.A) from confinement and made him a prisoner at large, byorder of Commanding Office. Figured) f. N. Cogewell Lint-From 4 to 8 9.M. Weather clear, warm - Light W. 4 6. heye, lea Smooth_ at 5-10 Time banked in six boiler - average stram pursue 80 the Temp of blugue 100 -(Tigued) Pichard J. Daverport From 8 to Midnight. Clear and pleasant Freele here from Ho and 6 d at 9.45 changed could to 9.46. Coupled on propellor and started engine - Gude strange and sail . Lightning to Ho and 6 d Hear Jeresen 60 the Temp of bunkue 84°. average resolutione 50 -Signed Wainwright Kellogg

Variation of the Compass by

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			Patho		Direction.	Force.	Leemay	Height in inches.	atr'd.	Air Dry Bulb.	Alr Wet Bulb.	earfloon.	9 9 1000	symbols.	Prop.	Sea.	
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Į.	M. 1	Variati Water Water Water Coal o	r rema	f the Compass by A nded during the pre- aining on hand fit for med during the preo	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	1 at	: 24 1	OUTA		65	64	71 70	85	2190	0 0 5	Bons.	Lingle refer topsails,
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	.M. 1 2 3 4 5	Wariati Water Water Water Coal o	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 56	: 24 1	30-00 //	65 4	65 63	62	69	te hay	2190 " 25 " 25	89 5.	llons.	Tingle prefer topsaile, Toursail, T. g. Raile, Lingle refer topsails
	M. 1 2 3 4 5 6 7	Veriati Water Water Water Coal c Coal r	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 5 6 7 9 "	: 24 1	30.00 " " \$0.04.	65 64 "	65 63	62	69	te hay	2190 " 25 " 25	89 5.	llons.	Tingle seefed topsoils. Foresoil, Tousail, T.g. sail.
	M. 1 2 3 4 5 6 7 8	Veriati Variati Variati Value Water Water Ooal o	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 5 6 7 9	: 24 1	30.00 W	65 64 "	65 63	62	69	te hay	2190 " 25 " 25	89 5.	llons.	Tingle prefer topsaile, Toursail, T. g. Raile, Lingle refer topsails
	M. 1 2 3 4 5 6 7	Variation Water Water Coal co Coal r 10 11 10 9 9 9 9 7 7	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 5 6 7 9 "	: 24 1	30.00 " " \$0.04.	65 64 "	65 63	62	69	te hay	2190 " 25 " 25	89 5.	llons.	Tingle prefer topsaile, Toursail, T. g. Raile, Lingle refer topsails
	.M. 1 2 3 4 5 6 7 8 9	Variation Water Water Coal co Coal r 10 11 10 9 9 9 9 7 7	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 5 6 7 9 "	: 24 1	30.00 " " \$0.04.	65 64 "	65 63 64 " " " " "	62 63 64 "	69	te " heg te " "	2190 " 25 " 25	89 5.	" Bons. " " " " " " " " " " " " " " " " " " "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	M. 1 2 3 4 5 6 7 8 9 10	Variation Water Water Water Cool of Cool of 111111111111111111111111111111111	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 5 6 7 9 "	: 24 1	30.00 " " \$0.04.	65 64 "	65 63	62 63 64 "	69	te " heg te " "	2190 " 25 " 25	89 5.	llons.	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	.M. 1 2 3 4 5 6 7 8 9	Variation Water Water Coal co Coal r 10 11 10 9 9 9 9 7 7	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 56 67 3 " 4 5	: 24 1	30.00 " " 30.04 " 30.04 29.97 80.08	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	" Bons. " " " " " " " " " " " " " " " " " " "	Tingle refer topsails. Toursail, T. g. Raile, Lingle refer topsails
	M. 1 2 3 4 5 6 7 8 9 10	Variation Water Water Cool of Cool of 111111111111111111111111111111111	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 56 ° 5 6 ° 5 5 6 ° 5 6 ° 6 7 9 ° ° 4 5 5 6 6 7 9 ° ° 4 5 5 6 6 7 9 ° ° 4 5 6 7 9 ° °	: 24 1	30.00 " " \$0.04.	66 65 64 "	65 63 64 " " " " "	62 63 64 " 63	69	te " heg te " "	2190 " 25 " 25	89 5. 48 9 9	Bons. " Ibs. " I Ibs. " Ibs. " I Ibs. "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	M. 1 2 3 4 5 6 7 8 9 10 11	Variation Water Water Water Cool of Cool of 111111111111111111111111111111111	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 56 67 3 " 4 5	: 24 1	30.00 " " \$0.04 " \$0.05 \$0.02 29.97 80.08 \$0.09	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	Bons. " Ibs. " I Ibs. " Ibs. " I Ibs. "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	M. 1 2 3 4 5 6 7 8 9 10 11	Variation Water Water Cool of Cool of 111111111111111111111111111111111	r remain	f the Compass by A nded during the pre- aining on hand fit for med during the prec- ning on hand at Nov	zimuth © observed seeding 24 hours during the pre- or use at Noon seding 24 hours	5 56 ° 5 6 ° 5 5 6 ° 5 6 ° 6 7 9 ° ° 4 5 5 6 6 7 9 ° ° 4 5 5 6 6 7 9 ° ° 4 5 6 7 9 ° °	: 24 1	30.00 " " \$0.04 " \$0.05 \$0.02 29.97 80.08 \$0.09	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	Bons. " Ibs. " " " " " " " " "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	M. 1 2 3 4 5 6 7 8 9 10 11	Variation Water Water Coal of Coal r	remain 2 2 4	the Compass by Anded during the pre- aining on hand fit formed during the prec- aining on hand at Nov	wimuth © observed seeding 24 hours during the present Noon seding 24 hours on W.H.W. W.H.W. W.H.W. W.H.W. W.H.W. W.H.W.	5 56 67 3 " 4 5 5-6 3	: 24 1	30.00 " " \$0.04 " \$0.05 \$0.02 29.97 80.08 \$0.09	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	Bons. " Ibs. " " " " " " " " "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
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	M. 1 2 3 4 5 6 7 8 9 10 11	Variation Water Water Cool of	remain 2 2 4	the Compass by Anded during the pre- aining on hand fit formed during the prec- aining on hand at Nov	wimuth © observed seeding 24 hours during the present as at Noon seding 24 hours on W.M.W. W.	5 56 67 3 " 4 5 5-6 3	: 24 1	30.00 " " \$0.04 " \$0.05 \$0.02 29.97 80.08 \$0.09	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	Bons. " Ibs. " " " " " " " " "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.
	M. 1 2 3 4 5 6 7 8 9 10 11	Variati Variat	remain 2 2 4	the Compass by Anded during the pre- aining on hand fit for med during the prec- aining on hand at Nov # # # # # # # # # # # # #	wimuth © observed seeding 24 hours during the present as at Noon seding 24 hours on W.H.W. H.W. H.W. H.W. W.H.W. W.H.W. W. H.H.W. W. H.H.W. W. W. H.H.W. W.	5 56 67 3 " 4 5 5-6 3	: 241	30.00 " " 30.04 " 30.02 29.97 80.08 " "	66 65 64 "	64 65 63 64 8	62 63 64 " 63	69 67 " " 70 "	te " heg te " tel "	2190 32 " 25 " " 25 " " " " " " " " " " " " "	89 5. 48 9 9	Bons. " Ibs. " " " " " " " " "	Tingle prefed topsaile, Toursaile, Toursail, T. g. Raile, dingle refed topenty Toutopurant stay Last.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Olear and pleasant, but heavy bank of cloude to 6th with occasional lightning first live bound. Baronela falling stowly. Light here from N.N. C. reing to N. a. Nearing their founts former, steam former 55 th, Newthetier 51, things of trumper 115° By order of Commanding Office, gas littly sum (U.S.C.) Citam force (N. P.C.) and folin Hillmore (Prof.) fore home extra duly.

Throw 4 to 8 a.M. Olean Warm. Light here from Hod and Hot Lightning in Wo during four part watch. Bank bir Com clouds in 62 Transmiss ender his briter at 6 a.M. let mainly lail. Them follows in 62 Transmiss ender 115° Revolutions

53.

Throw 8 to Merid. Meatter clear and pleasant-Moduate buys from Not and W. and the Other States.

Throw 8 to Merid. Meatter clear and pleasant-Moduate buys from Not and W. and Parker.

1195. At 11.25 Misped the sugar to cool a formal. At 10 let fit and spanker.

Sea Surotte. Steam forester 6 8 th. Trump of bunkers 90° Perstution 52.

(Signed) f. N. Orgewell,

Signed) f. N. Orgewell,

From Muid to 4 9.M. Clear. Warm. Pleasant- Fresh H. W. Luye. at 3.80 live to and got lorundings in 23 fathome, bottom chell and coral. Tham in six boilur. aonage stram pressure 66 the Temp of Lunger 100. Revolutione 53. at 3.80 traced in, hauled down fit and look in mainly lail and spanfur. I

From 4 to 8 9. M. Clear and pleasant, except rain equalle at 5-80. Fresh huy from M. at 4 took to and got somedings 19 fathous, tottom land and shelle at 5-80

We at 4 hove to and got soundings 19 fathouse, tottom land and shelle. at 5.80 look in and fuled topgallant saile - at 6 got soundings 14 fathome, tottom sand and shelle at 7.80 handed down foretopmant slagsail - at 7.50 got soundings 13 fathome, tottom gray sand. Theam in six top toilus - lonage process.

presence 57 the Temp of buttere 106 ? Perdutine 50. Distilling of Gigued Wainwright Kellogg

From 8 to Midnight- Clear and pleasant with H.W. I wind fuch in Equalle third hour. at 9.05 made frepite Full Light (Jec) I./26. Changed course frequently during watche, running by light. Fot cast of the lead every hour, in from 12 to 15 fathous water. At had of watche frepite Full Light Fore (Joc) While Land in light on starboard beam - Heliuning three forethe Jeower. Them 65/2 cm.
Temp of temper 100. Revolutions 51-4.

Temp of temper 100. Revolutions 51-4.

Examined and found to be correct.

Sawalker ... Navigator

Ourigh -

Tteamer Essex" & S Rate, 6 Guns,

											U	1 1.	ea			
	T			NAME OF TAXABLE PARTY.												
Man	-			WINDS.			BAIDOSEE	TER.	TEM	PERAT	TER.	State of the Weather,	Forms of	of Clear in 10ths.	State of the	Record of the sail the record is under
Dieta.	Knots	Pathoma	Courses steered.	Direction.	Force.	Leeming.	Height in inches.	Ther.	Air Dry Bulb.	Met Wet Bulb.	Water	Wenther, by symbols.	Forms of Clouds, by symbols.	P. of	ef the Sea.	at end of tratch.
		2				2	TO COME.	and.	Bulb.	Bulb.	norther.			Prop Sky.		
A. M.			,	A.									200			-1
1	10		9	11.41	4		80.08	1.2	69	62	75	te	Horse	11	9	9.1.
2	10	4	4.14 6	are or	4			000		1						Tingle reefed topeace
		4	9.72 6.	W.N.W.			11	61	61	60	1	"	"	A	N	Foresail, Toretopurast
3	9		9		H			11	60	H		7	11	4	N	Staylail_
4	10		9148.		5		"	11	11	-	73	11	15	4		
5	10		9/2 W.	"	4		11	"		11	74	- 11	4			
6	10	W.	9	*	"		8010	"	57	56	4	11	bun	9	,	91.45
7	10		,	"			-		50	,				-		Topesile, Foresail, fit,
	-	4	du or			7	80-16		21	"/	75	"	"	"	*	Forelopmast Stay Rail
8	10	4	7.10.	"	6	-	-	58	11	"	4	"	"		4	Main to Rail,
9	10	4	"	4		100	80.20	*	11	*		"	#	4	4	Spanger T. Y. Raile.
10	10	4	9.81.	"			4	59	59	"	74	"	"	11	"	
11	10		4	"	H	190	80-17	60	60	58	75	"	"	"	N	Thanky Mais 15.
Noon.	100		"			-	80.16			"	"	+	-	10		Tretoperact etay and
	10	100					0070	0	-					10		melopmach- elay sen
	730-			N. N.								211-				Ter.
			n by Log since prec	eding Noon								240	knots 2	fath	oms.	
	Latitu	ide by	D. R. at Noon												"	
	Longi	tude l	by D. R. at Noon												"	
	Latitu	de by	Observations at No	om 0												3.1
	Longi	tude l	oy Chronometer from	n Forenoon Observ	ation	8 0								,		
			ring the time				r, setting									
					-			to th								
			f the Compass by A			Sunt	ise						•	,	"	
	Variat	tion o	f the Compass by A	zimuth ⊙ observed	at											
	Water	expe	oded during the pre	eeding 24 hours									225	gal	llons.	
	Water	6	ndured	during the pro	cedin	g 24 l	nours						780		4	
	Wate	r rem	sining on hand fit fo	r use at Noon									1,191	,	44	
			med during the prec									11.	2//0	60	Ibs.	
			ning on hand at Noo									1%	tons /7	70	108.	
	-	Canada	and on hand as 1400	AH								10	"/	00		
	-											-	1		1	
P. M.		1			100	100			333		13	,	-	130		1
1	9	4	P.w.70.148.	- W.W.W.	6	R. S	8018	63	64	64	73	7	Hore	10	9	Manker Main try
2	9	6		"	4		80-11	11		56	1	. "	"	"	4	Sail Fortolemast
3	10	4	21/1, 8	"					16	0/	4	te	di-	0		etalorit hit
4	9	1	2. cd - 1/2.		"		-	-1	65	60	7/		1 de	/		slay Rail, fit-
5	/	7	W. 7.00. /4 W.		-		1	64	6%	62	14	"	Counte	"	"	
-	9	2	W.7 4.	4	67		80.10	1	65	"	11	"	1	10	#	No. of the last of
6	5	0	"	"	"	1		65	66	1	78	-		19	"	
7	9	tea	ming in for		"		80.12	64	67	68	"	-	4		*	
8	a	uce	mage -	"	5		11	"	"		-	"	4	4	*	
9,	1	24	auchon -	21.	11	1	81.11	68	60	66	-		4	3	,	
10		1		4	"	100	8010	1	1	-	-	4	"	8		
11	1	17		"	11	1	0040		-	-	-			0		
Mid	1	1			-	1	2	1	68	"	-	-	-	1	-	
-	+		1	*	"	100	20.15	"	"	"		"	1	-	"	
						-	-	The same	-	-	17	200000	-	-	-	1
			by Chronometer fre		evatio	ons O									.00	
	Lon	gitad	by Chronometer fr	om Observations			*						-500	1	2	2007
	Vas	ristion	of the Compass by	Amplitude obe	erved	at Su	nset							,		
	Var	istice	of the Compass by	A SOURCE OF	at									,		

Commences and until & a. M. Clear . Flearant - Thesh herye from Ho and It at 110 got cast of lead in 12 fathome water - at 1-25 hoursel Foretopmant Clay sail - at 2 look soundings, 16 fathous, he bottom - at 8 look loundings, 25 fathome, no bottom - at 4 look sometimes, 28 fathome, no bottom - gave Richard four (H. R. C.) and W. H. Folmen (H. O.C.) for home extra duly on quarter dick, by order of Commanding Officer - Iteam in his boiler - avage presence 64 les - Temp of humpin 110 - Perstutione 42 -From 4 to 8 a. M. Olean and pleasant- Fresh here from He and We ha smooth at 5-10 lighted Cape Horista Light bearing (pe) 4.9.W. Land in sight along Startourd beam - Passid several beacons - Tent up Top gallant and Royal Garde, and Alt Top gallant Saile, soyale, fit and spanker - At 8 look in royale and spanker - adopted Light in light at end of water bearing W. 4.9. distant four with - Straw 57 lbe - Pevolistime 52 -(Tigued) f. N. Cogewill Lint. From 8 to Heid - Olean Harm - Freek H. H. H. Fuye - at 9.80 Chortened and fulled Agran laile, sunt down royal and topgallant faide - At 10 inspected at quality - Coacting along Florista rufe - Iteaning under Rip toiler - Facual lunal lail bound to the Iteam further 65 the Temps of bunker 106. Revolutions 54-7- aligator ruf Light, at end of water bou (pc) W. H. W. 12 W. at 12 hauled in the state fore (pc) W. H. W. 12 W. at 12 hauled in feature log solice thoward 56/2 mile. (Tigued) Richard J. Davuport Zint-From Meriod to 4 P.M. Clear and pleasant. Fresh bruge from W. N.W. Passed sweat Rail - At 8.05 Youbur Light bore M, dielant one wile - Iteam in six boilur - Presence 64 the Temp of Lunque 110 - Perstutione 57-(Tiqued) Hainwright Kellogg From 4 to 8 9.M. Clear and pleasant, full huye from H. H. W. at 5 look in fit, fortofinant stay sail and spanker and at 7-30 Main Suglail - at 6-30 made land Key Light (pc) W. 72 M. and at 6-30 Key West Light (pc) M.W. 4W. Sent up two rockets and burned the light at 45 called all hands bring ship to anchor - Iteaming there forester power - Iteam 65 the Temp of burkers 110Cevolutions 48-Tigued) Fame C. Lewy From 8 to Midnight- Clear and pleasant- Fresh here from Hi Came to anchor At 8-10, off Key West, in I fallione water, seeing to 45 fallione on fort cleain-Brainge at duction Paul Key Light 9.W. 4 W. 12 W. and Key West Light N. K. W. Time Fanked under light toilue - average eteam 81 lbe - Temp of Stutene 106? Seaw aller Lint. Navigator.

Variation of the Compass by

LOG of the United States Steamer Cely" 3" Rate, 6 Guns,

					1	Jey	10	K/A	ex	-	Thor	ida			
						1									
			WINDS.			BARROSEE	TER.	TEM	PERATU	RE.	State of the	Forms of	of Clear in 10ths.	State	Possel at the att to a second
Hour.	Pathorna,	Courses steered.	Direction.	Force.	-	Height in inches.	Ther.	Air Dey Bulls.	Air Wet	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	100	of the Sea.	Record of the sail the vessel is under at end of watch.
	Pad				Leewa	IDODES.	Mrd.	Bulb.	Wet Bulb.	nde.			Front Sky.		
A. M.			0/8/												
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7			H.4.6.	4		80.12	-	67	4		"	#	9		
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	21	0				-	68	68	"	-	,		-		
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11	23 33			"		" /	N	"	"				"		
Noon.				"			.11	,		-	. "		4	100	
							-					-	-	1	1
1000				-		-								-	The state of the s
1	Distance ru	m by Log since prec	eding Noon									knots	fath	oms.	
1	Latitude by	D. R. at Noon											,		
		by D. R. at Noon											,		
												-		-	
I	atitude by	Observations at No	on ®											"	
1	Longitude l	by Chronometer from	n Forenoon Observ	rations	0									N	
(Durrent du	ring the time	knots fi	ma, per	r hor	ur, setting	to th	0							
		f the Compass by A		_									7		
					Dum	nse						77.	-	*	A Townson Lines
	variation o	f the Compass by A	zimuth © observed	lat						1			,		27/10/10/10/10/10
1	Water expe	nded during the pro	ceding 24 hours									22:	5 8	llons.	
	Water .		during the pre	cedina	24 1	hours						1,,			
		sising on hand 64 6.				- Company						,			
		aining on hand fit fo										1/0	0	**	
100	Coal consu	med during the preco	eding 24 hours								11	med 16.	40	lbs.	
T. K.	Coal remai	ning on hand at Noo	on									" 180	10	"	THE PERSON NAMED IN
												, ,		000	
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	TO A		10/1-			80-14	11	12	11	30		Qu Ili	17	100	
5	1		H.H.W.	8		80.06	"	11	. #	1	"	Citou	16		
6	100			100		"	11	-	,	4	"	Bi: 9/1:	15		
7	172 17	The same of	2/	1	1	8	1	4,				"	0	1	
8	1		10.	"	1	80.02	V -	11	"	-	"	"	0	190	
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and.	-		*	11	1	1"	11	69	69	100		"	11	1	
-			1000	-	1	-	-	-		-		-	-	-	-
	Longitud	by Chronometer fro	om Afternoon Obse	evatio	ns ©	No. A.								*	
		e by Chronometer fro				*								M	
		of the Compass by													
	Wanter	of the Co	remburanc cee	erved	en Di	meet						-	-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Conservences and until 4 a.M. Cloudy, warm, squally- thell huge from M. W. W. Baroneta steady- average steam presente 85 the Temps of hunker 105. Tigued J. K. Cogenell Link From 4 to 8 a.M. Clear Warm Pleasant- Fresh H. 4 6. wind. Cir Com cloudy at 6.30 Key West pilot came aboard - Banked fine under Dix boilur - average eleam purelun 35 lbe- Tempe of hunker 108 - at 7.50 spead fine. (Tigued) Richard J Davruport From 8 to Muid. Clear and pleasant, with fresh N. 4 6. huye _ at 9 got endunay and stord in for Key West hartor _ At 10 let go foot anchor in Key West harbor in five fathrome of water and vered to 25 fathrome - at 10.45 got underway, steamed in and made fact to government what _ Handed live and made fact to government what _ Handed file whole all boiler -Tiqued) Hainwright Kellogg From Muid to 4 9.M. Clear Warm - Light Hot heye - During first part watch, mun engaged in cleaning chip - G. G. Marker (2003) placed in solitary confinement, on bread and water, for fighting and refusing duty - at I humany Court Martial convened for the trial of Thomas Murphy (6.42.6) From 4 to 8 9. M. Clear Harm - Light bruge from H. H. W. at 5-10 Fammay Court Martial adjourned - Flord tide -Trom 8 to Midnight. Clear and pleasant- Light huge from He Bright Marlight. Cot that. Temp of hunker 80°.

Examined and found to be correct.

Scalvalker, Lieut, Navigator.

			0	9			4	0							
LO	G of t	he United St	TATES JA	ian	ш	2	0	De	de	6"			3	10	Rate, 6 Guns,
						K.	ey	8	Ve	et,	- Fr	locio	a		
			WINDS.			Baltons	-		PERATI						
Hear.	Knots.	Courses steered.	7/10		.6	-		-		Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clea	State of the	Record of the suil the vessel is under at end of watch.
		Courses steered.	Direction.	Force.	Leeway	Height in inches.	att'd.	Alr Dry Bulb.	Wet Bulb.	atifice.	ny ny mount.	symmes.	Prop.	Sea.	
A. M	-		3/							20					
1	3		16.	3		80.07	70	72	70		1	Hore	10		
2						3008	1	70	69		"	"	"		
3			"	4			4	69	68		"				
4			N.M.G.				4	"			"	*	"		
5	136		"	9		80.07	69	11	4		te	Can Ili	-9		
6	13		8/1.0			80.08	70		4		+	Hore	10		
7			N.46.	2			N	70	69		"		4		
8			alalo	11	13	8009	"	71	70	30	"		4		
9			H.H.E.			N	71	A	71		*	"	11		
10		9 800 888	"	4		"	72	"	72		"		*		
11			"	11		8008	74	13	4		,	"			
Noon.	35		4	-	30	N	11	74	4	00	"	"	"		
														-	
		run by Log since pe	eceding Noon									knots	fath	0ms.	
		by D. R. at Noon												"	
		le by D. R. at Noon										1		"	
		by Observations at 2										100	*	"	
		le by Chronometer fr during the time											•	"	
		n of the Compass by				r, setting	to the	0							
		of the Compass by			Sunr	86							4		
		spended during the p		1 at								1000	-		
	Water	rhenous during the h		andin a	. 01 1							2/3		lons.	
		emaining on hand fit	during the pre	count	24 1	ottre						12			
		sumed during the pre										120	0		
		naining on hand at N									. 44	toess (0	lbs.	
		B 44 1000 0 21	****								144	" *	25	"	
P. M.		C-10.91				788	100	7					1		
1			91816			0	4/		4/		+	Home	-		
2		1	16.16.0.	2		80.06	14	15	14			rione			
8	130			1		la 02	45	-	"		"	,	11		
4			"	,		70.07	10	74	7.					,	
5	131		"	7		80.05	74	1	12		"	"	"	1	
6				"		30.04	"	"	,		11	Cilou			
7				1		80.06	"	"	"	13	be	Occ Oun	4	200	
8			"	"		80.08	10	79		78	,	"	5	100	
9			"	2		"	76	72	71	13	"	lie.	9		
10	133		,	"		80.09	"	"	"		"	Cai fle		1	
11			4	"		80.10	"		"			"	14	137	
Mid				"		"	"	71	71		"	"	4		
No.					-		-	1	/					-	
		ade by Chronometer i		evation	16 0								,		
		ude by Chronometer i				*						- Sonal	1		
		ion of the Compass by		erved a	at Sur	aset							1		
	Variati	ion of the Compass by	1	at									,	*	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communication of his first of a. M. blear Dool Pleasant- Moderate M. John StartightTrust of his feel 80°
Gigued Richard J. DarruppetThomas of the Class and pleasant Light here from H. Congagned in coating ship - Received in Paymaster Department, puch weat and vegetable—

Vigued Vainwright Kellogo
Thomas of the Minds Condless and warm, Light H. M. C. here Engaged in coaling ship—

Grown Mind to 4 P.M. Class Harm. Light H. M. C. here Things coaling ship—

Thomas Crakes (6.5.) placed in Smile since to await trial by Court Meeting, for sucking the account with a freign report a slipmate—

Grown of The The Class and pleasant during fact fact, afterwards partially overcut Light aid from Med and Ed a Company of The Transfer Concept Commonstrate of the Midnight— Class Marm. Thankight— Heavy dur— Light R. M. C. here — Jan 25. Leigh (My) four hours explice dury by order of Commonstrate Office.

Signed Richard J. Darreport

LOG of the United States Steamer Esley " 5" Rate, 6 Guns, Key West, Florida

,									1				'				
					WINDS.			BAROME	fee.	TEM	PERAT	URE.			lear do.		
	Hour.	Knots.	Fathema.	Courses steered.	Direction.	Force.	Leeway.	Height in Inches.	Thee,	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Chear Sky, in 10ths.	State of the Bea.	Record of the soil the record is under at end of watch.
	A. M.				91.46.	12		80.10	71	7/	70		te	bis 9ta	9		
	2				91.91.6.	2			72	"	"		+	Home	10		
4	3				110			80.09	11	11	11		4		11		
	4				A.G.	"		80.08	"	"	11		"		"		
	5				M.G. J.M.	1			71	70	11	9	to	Cie Cu	8		
	6				"	11		. '	"	II	11		11	"	Y	1	
	7				"	1		"	11	11	"		"	"	9		
	8				"	11		"	4	11	#		4	"	6	13	
1	9	3			M.H. C.	3		80-12	70	"	11		osu	"	0		
1	10				"	2		"	11	71	"			*	11	1	
4	11				"	M		8011	"	A			te	"	5		
	Noon.	13			.11	1		8010	K	78	1/2		"	"	8		
1		Distan	ice ru	n by Log since prec	eding Noon						in.		345	knots	fath	ioms.	A STATE OF THE PARTY OF THE PAR
		Latito	de by	D. R. at Noon												M	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		
Longitude by D. R. at Noon		
Latitude by Observations at Noon ⊕		
Longitude by Chronometer from Forencon Observations ⊙		
Current during the time knots fins. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	The same	
Variation of the Compass by Azimuth ⊙ observed at		, ,
Water expended during the preceding 24 hours	27	5 gallons.
Water during the preceding 24 hours	Y	
Water remaining on hand fit for use at Noon	78	0 "
Coal consumed during the preceding 24 hours	totas	900 lbs.
Coal remaining on hand at Noon	144 5	725 "

Personal Property lies and the last of the	-		-	_						200
P. M.	0/1/0							,		
1	N.H.G.	1	80.08	72	74	79	te	Cum	9	
2		11	80.06	74	"	"	"	11	"	
3	"	11	80.04		11			Ci Com	.8	
4	,"	H	80.06	1	11	-	11	"	6	
5	Calm	0	80.05		4	74	"		8	
6	21410	"	80.04		"	11	"	4		
7	N.H.E.	1	80.05		73	72	1	"	6	
8	"	"	"	"	72	11		"	9	
9	N.	2	80.10	73		71	"	9/10	"	
10	M.M.C.	"	"	72	71	70	of	"	0	
11	"	"	80.11	71	70	11	84	"	5	
Mid.	"	1	"	12	71	4	fe	Com	9	

Longitude by Chronometer from Afternoon Observations ⊗	,	A1
Longitude by Chronometer from Observations *	1	40
Variation of the Compass by Amplitude observed at Sunset		
Variation of the Compass by at		M

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until & a.M. Clear and pleasant, warm_ Light huge from Tigued) Wainwight Kelling From 4 to 8 a. M. Clear and pleasant, with light 16.6.4 wind. Engaged cleaning ship.

Gigned Sam & Lundy

From 8 to Meriol. Clear, evarue and pleasant. Light air from 10 of and 6.2 From Muid to 4 P.M. Clear and pleasant, light air from Note 6. Received on towns, per Assuau of Equipment and Previoling, the following stores, Viz. 1 coil 200 fathorns 194 in Hemp Pope - 1 coil 200 fathous 15 thread Pattine - 1 coil 400 fathoms 1 in Manilla - Per Pay Department, 10 Broke Pread, 3 Rope Tobacco, 6 Broke Caustle, 1 Bale Huting-folm Halling G.C.A.) and Cout Mc Guckin (2.C.A.) declared directers, by order of Commanding Office, having been about ten days without leave -(Signed) J. K. Cogewell From 4 to 8 T.M. Clear Haure Light aire from Hours 6th at 520 Musturd at-quarters and served out clean hammocks, found Thomas Kelly (6.M.T.) and Luttin Baker (: 214) about without leave I figured Richard J. Davuport Lint-From 8 to Midnight - Clear and pleasant during first part, afterwards foggy - Light breeze from H.M.C. Tioned Wainwright Kellone Tigued) Wainwright Kellogg

LOG of the United States Steamer Essy "Steamer Essy" Thorista

g * Rate, 6 Guns,

								(4	4	0	Vu	4	100	riou	r		
					WEYDS.	7		BANCOES	TEO	797	PERAT	79.0			5.		
	Hear.	Knots		Courses steered.	Direction.	Force.	Leeway.	Height in Inches.	100		Air Wet Bulb.		State of the Weather, by symbols.	Forms of Clouds, by symbols.	p of Clear	State of the Sea.	Record of the soil the vessel is under at end of watch.
			Path				Les	Inches.	att'd.	Bul.	Bulb.	eurface.			Prop.		
	A. M.				Calus	0		80.09	7,	72	72		te	Cum	8	-	
	2				"			",	1	1	"	700	"	"	0		
	3	100			"	"		"	"	,	"		-	11	1,		
					"			11	,		"		1	11	"		
	4				"	1		80.06	7,	71	40		"	"	"		
	5				"			00.00	11	11	10		4		13	1	
	6	1						0		N	11			'	8	100	- BULLETINE
	7	13	-		2/	11		20.09	-	4			'		17		
	-8		,		16.	/		30.10	#	*	1/		"	"	5	100	
	9	433			"	4	100	11	-	"			- 4	Oie Con	4 11	188	
	10	100	-			11.		80.12	73	73	73		4	1	4		
	11	100	130	273		"		"	14	74	74		N		"		
	Noon				4	*			"	A.	1		"	"	4		
	-		10						33								
		Dist		an by Log since pre-	ording Noon		111						10	knots	6.0	homs.	
					coming recon									Knots	DATE .		
				y D. R. at Noon							4.51				6-10		
				by D. R. at Noon								-			000		
		Latita	ide by	Observations at N	oon Θ		-								1	"	
-		Long	itude	by Chronometer fro	m Forenoon Obser	vation	8.0	2021									The second second
'		Curre	ent du	ring the time	knots i	fina. pe	r ho	ir, setting	to th	ie '				**			
		Varia	tion o	of the Compass by A	Amplitude ⊖ obser	wed at	Sum	rise							,	"	
		Varia	tion o	of the Compass by A	Azimuth O observe	dat										M	
		Wate	r exp	ended during the pro	eceding 24 hours									225	5 0	allons.	
		Wate			during the per	ecedin	z 24	hours							1		
				naining on hand fit f										292	0		1000
				med during the pro										tons		lbs.	
					TO THE REAL PROPERTY.									totas		11	
		COM	rema	ining on hand at No	ion .											-	1
	D. T.	T	T	100000	1	I	T	100			T	1			1	1	
	P. M		1		91	,	-	0					1	6.	1		
	1	1	-		16	/	-	80-10	74	14	14	-	009	Cit	are 2	-	
	2	13	-		9.0.	"	-	20.01	15	75	13		be	-		-	
	8	-	-		W.	4	-	8000	11	76	1			10	"		
	4	1	-	-	dei	11	-	"	76	17	76	5	"	bis	4		
	5	-			9.6.40.	11	-	80.00	K M	76	6 4			Diebu	m 5		100000000000000000000000000000000000000
	6		1	100000000000000000000000000000000000000	9.6.		1	30.00	6 "	1	73	5		Come &	46		
	7		1/2		"	0.1	1	"	11	75	57	4	4	*	9	1	100000000000000000000000000000000000000
	8				"	"		80.0	7 /5	5 4	1		#	,	1	1	
	9				Calu	0		80.0	1	4 74	17	9		11	8		
	10				1	"	1		1	1	1		,	"	11		
	1	7 63			98	0.1	,	4	"		"		,	birth	0 6		
	M	100	7		1.0.	41		11	"	-	-	-	"	"	7	1	
							1	1	1	1		1		1	/		
																	The second district of the last of the las

Longitude by Chronometer from Afternoon Observations ⊕

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Thursday February 15 th , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Communces and emtil & a.M. Clear and plessant Calm_ (Tigned) am 6. Lewy From 4 to 8 a.M. Clear and pleasant balu- Light air from Ha during last (ligned) f. T. Tullivay From 8 to Merid_ Clear and pleasant, light air from Ho Couvergaged in evaluing chip up to last hour - Fine started under six boiles at 10.80 fewind outrald for the Department of Construction the following store, Var. 80 galle Lineed oil 200 lbs White Line - & lighte, glass, 25 x17- Thouse Kelly (6.M. F.) Lutter Baker (9.2kt.) & Juicoll (9ed) and f. 6. Batter (9ed) brought aboard by City prolice, for whom \$ 5 reward each was paid of From Muid to 4 9. M. Clear Warm Light Hof aire. At 1-45 clean reported ready. At 2 shoved off from what and came to with fort anchor, 20 fathorne clean in 4/2 fathome water At 3-80 muetind at quarter and turned in clean hammocke. Furt one W.P. clean heater ashore to kaval close - house. Banker in six boilire. Arrage steam presence 68 the Banker full- Tilst left the chip at 2.80_ Piding to est tide- of liqued Richard & Davuport From 4 to 8 9.M. Cloudy, warm - Light air from 9.6. Peut auring & below and Clauchione were unshipped - Plack water at 5.80 - Horng to flood at 6 - folin T. Marker (2.C.B) released from confinement and but large - Banked fine in six bilus - average clean presence 40 the Bunker (Tigned) Hainwright Relfogg Thom 8 to Midnight Warm, calm first half watch, light 9.67 aire last half - at midnight swring to est. Fine banked in eix boilur-avrage steam presente 45 lbe -(Signed) Sam & Lendy

Examined and found to be correct.

Asalvalker, Navigator.

Variation of the Compass by

_																
	130			WINDS.			BANCOEE		****	PERATU	-2.00					
House	Knote				1		PARTORE	THE.	TER	PERAT	No.	State of the	Forms of	100	State	Percel of the will the world to
Labour	200	Fathoms.	Courses steered.	Direction.	Force.	Leenay.	Height in inches.	Ther.	Ale Dry Bolls	Air Wet	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	in 10ths	State of the Sea.	Record of the suil the vessel is under at end of watch.
		No.				Tee I	Inches.	att'd.	Bull.	Wet Bulb.	serioo.			\$ 65 E		
A M											100	The same				
A. M				1.12								1	.,			
1				69.6.	1		80.08	74	74	73		1	Hore	10		
2	1			41	"		/	1	40	10	100	1	1	0		
7 7 7 7 7	-	100		1"	-	2	"	11	15	11	-	re	Cum	19		
3	100	1	10000	Oalu	0		11	73	"	11	33	11	. 11	8		
. 4	1	133		"			80.04	7%			20	,		4		
	1			0/3/2			000/	17			100		11	/	1	
5	100			M.M.O.	/		20.08	1	4	4	100	4	Oillum	4"		
6	8	ud	uway in	9491	11		"		74	74			4			
7	0	,	ge of Pilot.	.,,	1		"	45	40	4			,	0	-	
	u	car	ige of Mor.		4		-	15	72	4	-		-	8		
8	100	6			11		80-10	11	111	II		*	1	11		
9	3	4	91/29	,	"		80.10	76	46		74	"	-	4	d	
		-	04.1				0	10	76	-	12		-	1	1	
10,	550	1	W.14 9.	"	11		50-12	-	"	"	4			6	4	
11	9	4	11		3		80.11	#	,	-	4	,		5		
Non	11	444	0,5%	9			0. 18				1			0	-	0115
Noon.	10	4	W./2 9.	1	4	60	80.08	"	"	4	"	" "	4	8	11	all Tou and alt
-		-		-		-		-		7						all Fore and aff
	Distan		- b- T	. II NT						*		21				- CHOO_
	Distai	noe ru	an by Log since prec	eding Noon						1		34	knots 0	fath	oms.	
	Latito	ide by	y D. R. at Noon									2	4.2	5.8	80-91	
	Longi	tude l	by D. R. at Noon									-	× . 0	4	0	-
	rongi	nane i	by D. R. at Moon									0	7.0	1.	"14	
	Latitu	de by	Observations at No	on O						220		2	4.5	16.7	6-8	/
	Longi	toda l	by Chronometer from	Formore Observed	mtlana									-		
				a Fotenoon Oteers	MUODS										-50	
	Curre	nt du	ring the time	knots fi	ms. per	r hou	r, setting	to th	8							The state of the s
	Variat	tion o	f the Compass by A	mulitude @ show		0										
				minimum o concrt	The Don	Sunr	an-							,		
								0	1//				-			
			f the Compass by A					ais	W.				5.0	1.	- (6
	Variat	tion o	f the Compass by A.	zimuth © observed				ai	W.				5.0	1	- 0	6
	Variat Water	tion o		zimuth ⊗ observed	i at	8.	30	a.	u.			303	5.0		llons.	6
	Variat Water Water	expe	f the Compass by A.	zimuth ⊗ observed ceding 24 hours during the pre-	i at	8.	30	as	W.			3.7	5.6		- 0	6
	Variat Water Water	expe	f the Compass by A.	zimuth ⊗ observed ceding 24 hours during the pre-	i at	8.	30	a.	W.						llons.	6
	Water Water Water	expe	f the Compass by A ended during the pro- saining on hand fit fo	zimuth © observed ceding 24 hours during the pre- cruse at Noon	i at	8.	30	a.	W.				269		llons.	
	Variat Water Water Water Coal	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30	a.s	W.			10:	269		llons.	
	Variat Water Water Water Coal	expe	f the Compass by A ended during the pro- saining on hand fit fo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30	a	W.			10:	269	00	llons.	
	Variat Water Water Water Coal	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30	a.	W.			10:	269	00	llons.	
	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30	a.	W.			10:	269	00	llons.	
	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30	a.i	ou.			10:	269	00	llons.	
	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30 mare		W.	76	75	132	26 9 	00000	llons.	
P. M.	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	8.	30		77	74	75	10: 132 Le	26 9 4 12	00000	llons. " Ibs.	
P. M.	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	i at	8.	30 mare		77,	74,	75	132	26 9 	00000	llons.	
P. M.	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	8.	30 mare		77,"	74	75	10: 132 Le	26 9 4 12	00000	llons. " Ibs.	
P. M.	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 st coding	8.	30.06 "	77	77/11	74		10° 132 te	26 9 0008 2 4 12	9.	Illons.	
P. M.	Variate Water Water Coal of	r experience construction of the construction	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 at coding	8.	30.06 "	77.	77,	74	75	10: 132 te	26 9 4 12	00000	Illons.	
P. M. 1 2	Variate Water Water Coal of	expe	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 st coding	8.	30.06 "	77	77/11	74		10° 132 te	26 9 0008 2 4 12	9.	Illons.	
P. M. 1 2	Variate Water Water Coal of	r experience construction of the construction	f the Compass by A mided during the pro- mining on hand fit for med during the preco	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 at coding	8.	30.06 " " 30.02	77	77/11	74		10° 132 tc ""	26 9 0008 2 4 12	9.	Iba.	
P. M. 1 2 3 4, 5 6	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- aining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 at coding	8.	30.06 "	77	77/11	74		10° 132 te "" "" "" "" "" "" "" "" "" "" "" "" ""	26 9 0008 2 4 12	9.	Ibs.	
P. M.	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A mided during the pro- saining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	1 at coding	8.	30.06 " " 30.02	77	77/11	74		10° 132 bc ""	26 9 0008 2 4 12	9. 3201	Iba.	
P. M. 1 2 3 4, 5	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- aining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	4 " " 5. 67 6	8.	30.06 " " 30.02	77	77/11	74		10° 132 te "" "" "" "" "" "" "" "" "" "" "" "" ""	26 9 0008 2 " 12	9. 3201	Ibs.	all Fore and aft
P. M. 1 2 3 4, 5 6 7	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- aining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	4 " " 5 G7 6 45	8.	30.06 " " 30.02 30.10 30.28	77	77/11	74		10° 132 te "" " " " " " " " " " " " " " " " " "	26 9 2000 2 4 12 Generally	90000	Illons. " Ilba. " Ilba	
P.M. 1 2 3 4, 5 6 7 8	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- aining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	4 " " 5. 67 6	8.	30.06 " " 30.02	77	77/11	74		10° 132 te "" "" "" "" "" "" "" "" "" "" "" "" ""	26 9 0008 2 " 12	9. 3201	Bons.	all Fore and aft
P. M. 1 2 3 4, 5 6 7	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- aining on hand fit for med during the precoming on hand at Noo	zimuth © observed ceding 24 hours during the pre- r use at Noon eding 24 hours	4 " " 5 G7 6 45	8.	30.06 " " 30.02 30.10 30.28	77	77/11	74		10° 132 te "" " " " " " " " " " " " " " " " " "	26 9 2000 2 4 12 Generally	90000	Illons. " Ilba. " Ilba	all Fore and aft
P.M. 1 2 3 4, 5 6 7 8	Variate Water Water Coal of	r experience construction of the construction	of the Compass by A moded during the pre- saining on hand fit for med during the preo- ming on hand at Noon W. 7/2 9.	zimuth © observed ceding 24 hours during the preserves as at Noon eding 24 hours on 9.97. " " " " " " " " " " " " " " " " " " "	4 " " 5. 67 6 45 " "	8.	30.06 " " 30.02 30.16 30.28 30.31	77.00 1472 11/2	77/11	74 . 75 74 70 . 69 70 .	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 cons 2 a 12 ailum n l lum n n	90000	Blons. " Iba. "	all Fore and aft
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Water Water Coal : 9926 91096 100000 100000 100000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 100000 10000 1000000	r experience construction of the construction	of the Compass by A moded during the pre- saining on hand fit for med during the precoming on hand at Noon ming on	zimuth © observed ceding 24 hours during the preseruse at Noon eding 24 hours m 9.94. " " " " " " " " " " " " " " " " " " "	4 " " 5. G.7 6 45 " " 3.4	8.	30.06 30.02 30.16 30.28 30.31	77	77/11	74		10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 cons 2 a 12 ailum n l lum n n	90000	Bons. " Iba. " I	all Fore and aft
P.M. 1 2 3 4, 5 6 7 8 9 10	Water Water Coal : 9926 91096 100000 100000 100000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 100000 10000 1000000	r experience construction of the construction	of the Compass by A moded during the pro- saining on hand fit for med during the precoming on hand at Noo	eding 24 hours during the present use at Noon eding 24 hours on 9.94.	4 " " 5. 67 6 45 " "	8.	30.06 " " 30.02 30.16 30.28 30.31	77.00 1472 11/2	77/11	74 . 75 74 70 . 69 70 .	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 cons 2 a 12 ailum n l lum n n	90000	Blons. " Iba. "	all Fore and aft Rail -
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Water Water Coal : 9926 91096 100000 100000 100000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 100000 10000 1000000	r experience construction of the construction	of the Compass by A moded during the pre- saining on hand fit for med during the precoming on hand at Noon ming on	zimuth © observed ceding 24 hours during the preseruse at Noon eding 24 hours m 9.94. " " " " " " " " " " " " " " " " " " "	4 " " 5. G.7 6 45 " " 3.4	8.	30.06 30.02 30.16 30.28 30.31	77 " " 7472 " 7/72 "	77/11	74 . 75 74 70 . 69 70	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 2 2 4 12 Girlen 4 11 11 11 11 11 11 11 11 11 11 11 11 1	90000	Blons. " Iba. "	all Fore and aft Rail -
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Variative Water Water Coal: Coal: 999266 89910966 10010010010000000000000000000000	remain 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	f the Compass by A moded during the pre- saining on hand fit for med during the preo- ming on hand at Noo- ming on	zimuth © observed ceding 24 hours during the preseruse at Noon eding 24 hours on 9.97. " " " " " " " " " " " " "	4 " " 5 G7 6 45 " " 3.4 "	8.	30.06 30.02 30.16 30.28 30.31	77 " " 7472 " 7/72 "	77/11	74 . 75 74 70 . 69 70	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 2 2 4 12 Girlen 4 11 11 11 11 11 11 11 11 11 11 11 11 1	90000	Blons. " Iba. "	all Fore and aft Rail -
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Water Water Coal s Coal s 9 9 10 9 8 6 10 10 10 100 100 100 100 100 100 100	experience on sure of the sure	of the Compass by A mided during the pre- saining on hand fit for med during the preo- ming on hand at Noo- ming on hand at Noo- ming of hand at Noo- ming o	ceding 24 hours during the present use at Noon eding 24 hours on 9.94. "" "" "" "" "" "" "" "" "" "" "" "" "	4 " " 5 G7 6 45 " " 3.4 "	8.	30.06 30.02 30.16 30.28 30.31	77 " " 7472 " 7/72 "	77/11	74 . 75 74 70 . 69 70	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 2 2 4 12 Girlen 4 11 11 11 11 11 11 11 11 11 11 11 11 1	90000	Blons. " Iba. "	all Fore and aft Rail -
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Water Water Coal s Coal s 9 9 10 9 8 6 10 10 10 100 100 100 100 100 100 100	experience on sure of the sure	f the Compass by A moded during the pre- saining on hand fit for med during the preo- ming on hand at Noo- ming on	ceding 24 hours during the present use at Noon eding 24 hours on 9.94. "" "" "" "" "" "" "" "" "" "" "" "" "	4 " " 5 G7 6 45 " " 3.4 "	8.	30.06 30.02 30.16 30.28 30.31	77 " " 7472 " 7/72 "	77/11	74 . 75 74 70 . 69 70	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 2 2 4 12 Girlen 4 11 11 11 11 11 11 11 11 11 11 11 11 1	90000	Blons. " Iba. "	all Fore and aft
P.M. 1 2 3 4, 5 6 7 8 9 10 11	Variative Water Water Water Coal coal coal coal coal coal coal coal c	remain 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	of the Compass by A mided during the pre- saining on hand fit for med during the preo- ming on hand at Noo- ming on hand at Noo- ming of hand at Noo- ming o	zimuth © observed ceding 24 hours during the pres r use at Noon eding 24 hours m 9.97. " " " " " " " " " " " " " " " " " "	4 " " 5 G7 6 45 " " 3.4 "	g. 24 }	30.06 " " 30.02 30.10 30.28 30.31 "	77 " " 7472 " 7/72 "	77/11	74 . 75 74 70 . 69 70	147374.73	10° 132 tc "" " " " " " " " " " " " " " " " " "	26 9 2 2 4 12 Girlen 4 11 11 11 11 11 11 11 11 11 11 11 11 1	90000	Blons. " Iba. "	all Fore and aft Rail -

under the command of Commander W. Scott Schly Friday February 16 the , U. S. Navy, . 1877. U. J. J. Cesy" grd Pateat Tea, February 16 th 1877-It aire, fick how, from Copunded at larget practice this dayigued) f. T. Gullivan Lieut. Toweler, cannon in XI in bags, 15 the (3) 45 the" " IX in " 10 " (12) 120 "
" " 60 par " 6 " 3 18" ad fire ender life and stood out the Cartidge Bage XI in 15 th - 3.

" " 1X 10 " - 12.

" 60 pde 6 " - 3. the chip on course - Forward 14 ft . amidelipe est) J. K. Cogswell Link-Thelle in tope loaded and fund XI in 5" 3. Primere for cannon, quill 25.
Varget Frame 1. IX "5" 12. clopped engine, pilot ste of lead, 4 and 4/2 60 fede 5" 3. Jec 6.49. at 9.80 cept Flying fit at 11 15-W.Th 91 at 11.45 Treaming dif boiler upue 110 - at 12 and fut over again d) (ichard J. Davenport From Meriol to 4 9. M. Clear and pleasant, with light wind from the Toly Wet at I called all hand to multer and read proceedings and findings of Tummany Court Hartial in the case of Thomas Hurply (0.9.2.C.) - Tentince disapproved by Commanding Officer, on account of irregularities in proceedings - at 2:15 the in Fore and aft sail and went to Jewis Lucities - Practiced fixing at larget. Expended the roundle from each gun - at 5.21 sounded the retreat from Luartue and stood on course - Let all Fore and aft sail except thing fitaverage steam pressure 65 lbe. average revolutions 54- Temp of hunter 110-Theating with kif boiler -(Tiquest) Wainwright Kellogg From 4 to 8 9.M. Wind hauling to HW and full in equalle, with passing shown of rain - Hubent both cleaned and secured anchore for sea - At 4.80 took in Fore and aft sail except Flying fit At 7 set Foreaile Meaning there forester power - Steam 65 lbe Tunk of hunger 98. Gurdetione 54.

(Signal) Pan 6. Lendy Oueigu_ Flow 8 to Midwight. Clear Reasont- Freeh H. M. H. huye- at 820 changed course to W. Steaming under life boiler - average Man pursue 60 the Telufe of hunker 110. Pevolutions 53. Figured J. T. Fullivan Lint. Examined and found to be correct. Scall alker Navigator.

U. S. Navy, Commenced and well 4 a.M. Clear, warm and pleasant- Light aire, fick how, from I and 6th Ciding to est lide. Fine face feed awaye steam forcem 60 lbs. (Tigued) f. T. Fullivan Link. From 4 to 8 a.M. Warm and pleasant Jente bruge from 9th Thead fine under six boilin at 6. at 6.15 pilot came aboard. Jet under you at 6.30 and stood out the 930. channel - At 8.10 the pilot left the ship - At 8.20 put the ship on course of 81.12 9. Pand Key Light bore (plc) 6.4 th. Draught of ship. Toward 14 ft. Anishing 15 ft. aft 16 ft. (Liqued) J. K. Cozenell Links From 8 to Muid. Clear Warm. Zight 9. 4 W. huye. at 810 stopped engine, pilot left slip - at 820 started alread - at 8-80 made sweral casts of least, 4 and 4/2 faltrome water at 920 lost eight of Your Key Light bearing fre, 6.79. at 9.80 changed course to W. /4 9. at 9 30 let all Fore and aft sail except Flying fit. at 11.45 set Flying fit. It 11.45 let Flying fit. I everal sail in Sight at end of walch. I teaming six boiler. arrage steam persone 6/4 the - Perstutione 57, 6. Trunk of trunque 110 - at 12 hauled in feature log, which Elivered 40, 5 kille - Peret and feet one again (Tigued) Cicliand & Davuport From Heriol to 4 T.M. Clear and pleasant, with light wind from the Foly West ON I called all hand to mueter and read perceedings and findings of The Court Hartial in the case of Thomas Hurkly (0.226) - Tentine disapproved by Commanding Officer, on account of irregularities in forceedings - Wit 215 the in For and aft tail and went to Jenical Quarter - Teaching firing at target. Expended the rounde from each one - at \$21 evended the returns from Luarlie and stood on course - Ist all Fore and aft sail except Thing fit - average steam presence 65 the average revolutions 54. Temp of humber 110. Steaming with six boiler -Tiquest Hainwright Kellog Grow 4 to 8 T.M. Wind hauling to HW and feels in equalle, with passing shows of rain - Hubert botte chains and recursed anchors for see. At 4-80 took in Free and aft sail. At 5:30 set Fore and aft sail except Flying fit. At 7 set Foreast. Thaming there forester power. Theme 65 lbs. Tunk of humbers 91. findulations 54.

(Tiguest) Fam 6. Lends
Oneide. How & to Midwight. Clear Thearant - Freek H. H. H. Freye. At Fire changed course to H. Atraming under life briler. Amage Man present 60 the Tetufe of hundre 110. Pevolations 53. Tiqued) J. T. Fullione Link. cheal alker simper

							6	1		Le	2	101				
				WENDS.			BAROME	TER.	TEM	PERAT	URR.			les c		
Hose	Knots	Pathema.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulo,	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	State of the Sea.	Henord of the soil the wessel is under at end of watch.
A. M	9		2.	91912	3		30.34	76	74	72	74	te	Case His	18	9	fit, F. T. W. Slay
2	10	,	11	M.W.			80.33	/	78	7/	73	teg	11	7	"	Sail M. Ly Rail
3	9	4	"	"	4		80.82	1/2	"	70	76	"	"	4	11	and spanker_
4	9	2	"	"	11		"	11	,	69	77	"	"	3	11	
5	9		"	*	1		80.80	1		"	74	"	Cum	8	"	Fit. 4. T.M. stay
6	9		"	**	11		11	1		1/2	"	to	11	6	"	sail, Mely sail
7	9	,	"	*	5		80. 32	4	"	11	16	"	.11	5		and span for
8	9	4	" ,				8035		4	"	77	"	11	11		
9	9	2	W. K. 9.	"	11		80.58		72	70	19		Ci la	11	"	The and aft lail
10	11		"		M		80.40	,		68	11	"		4		except F. Fit.
11	10	6	11	*	11		80.88		11	11	"	H	"	11		Topeaile Fourne
Noon	13		,	"	"		8087		73	69		4	"	"	"	47.9. Raile .
	Distan	ice ru	n by Log since prece	eding Noon								224	knots 4	fath	oms.	
	Latito	de by	D. R. at Noon										4:2	2.9	30 8	1
	Longit	tude b	y D. R. at Noon									,	16.4	3	" (w .
	Latitud	de by	Observations at No	on ®										3.1	4.	1
* 5	Longit	nde b	v Chronometer from	Forenoon Observ	pations	0							27.		"	ir .

Distance run by Log since preceding Noon	224 knots 4 fathoms.
Latitude by D. R. at Noon	24:22:30.86
Longitude by D. R. at Noon	86.45 W
Latitude by Observations at Noon ⊗	24.13.14.11
Longitude by Chronometer from Forencon Observations ⊙	87. 01. W
Current during the time knots 6 fms. per hour, setting to the 9.6/	· W.
Variation of the Compass by Amplitude ⊙ observed at Sunrise	
Variation of the Compass by Azimuth ⊙ observed at 8-/5 Q.M.	6 6
Water expended during the preceding 24 hours	285 gallons.
Water during the preceding 24 hours	
Water remaining on hand fit for use at Noon	2190 "
Coal consumed during the preceding 24 hours	10 tons /2 85 lbs.
Coal remaining on hand at Noon	121 " 2204 "

-	_			OCCUPATION AND ADDRESS OF	_	The second law or	_	_	-	-					
P. M.		63		21-1						1					
1	45		W. 72 92	M. H. W.	4	80:	8472	72	69	80	to	bir low	4	4	all Fiel, wafet
2	8	6	"	,	5	80.5	1	A	1	1	//	"	11	4	Noyale, mainsail,
3	8	2	11		4	"	"		1		1	11	6	11	& gaff topeaile.
4	7	4	,	"	"	800	3/ 11	"	11		"	"	5	11	///
5.	8	980	11	91.42.	11	80.0	34 0	"	1	7.8		"	4	9	
6	8	2	4		4	"	1	4	68	75		Cum Me	3		
7	8	4	"	Mala		"		71	-	74			8		Top J. Paile, lingle
. 8	8		"	H.H.W.	#	80-	8671	-	"	73		Cun	9	11	rufed topeaile
9	8	. ,	"	N.6.	9	1	72	11	1	74			1		Jib, 7 9 W stay sail,
10	8	4	"	"	"	80.	80 70	1	69	4	"	Ci bu	3	"	M. Try Rail & spanker-
11	8	1	11	"	"		1/2	1	70	11		"	2	11	
Mid.	7	4	4	"	2.5	"	"	1/2	71	11	"	"	9	11	1

Longitude by Chronometer from Afternoon Observations ⊗		,	
Longitude by Chronometer from Observations *	1000		
Variation of the Compass by Amplitude observed at Sunset		,	
Variation of the Compass by		,	

Commence and until 4 a.M. Cloudy and warm, with module house from N.W. Squally-Theaning with six brille - at 2:30 took in Fourail - arrage clean plusan 64 lbe-"Tump of bunker 105°. Persultine 52-(Signed) f.K. Cogenesse Link-From 4 to 8 a.M. Clear Warm Pleasant Fresh H. W. wind _ Com douds _ at 6-30 passed a ship bound to 6 % Than in six briles - average steam fuesem 55 the tump of bunker 962 Revolutions 48-(Tigued) Richard J. Davuport From 8 to Minid. Clear and pleasant. Moderate bruge from N.W. at 825 changed course to W. 12 9. Hauled in patient log, 103 Miles - at 10 Act toplaile. at 11 Act Topgallant Caile. At Muid hauled in feature log, 39 suiles. Steaming six boiles. Avanage Newlutions 51. Iteam pressure 57 lbs. Timp of bus free 113% (Signed) Hainwight Kellogg. From Muid to 4 P.M. Clear Pleasant Modurate buys from No and Wo at 12.25 changed course to W. by 9. At 12.30 tanked fine in hor tribur amage steam presence 55 the Tump of trumper 105 - Perolutions 40- (Tigued) Tam C. Zemby Ouribus. Oneign. Trom 4 to 8 9. M. Cloudy and warm. Moduate here from He Strawing with four briles. at 5 Muelus at quartie - at 5.10 look one suf in topsaile. Clear and pleasant last two hours avage llean 48 the Revolutione 39,4. Temp of (Tigued) J. J. Tullivan From 8 to Midinght_ Weather pleasant- Cloudy- Light huge from M. 6. In Smoth, wind variable - Took in Spanker, try sail and fit- arrage steam 55 lbe - Tump of tumper 110 - Perolution 31. Mom let at 9.80-Figured) J.K. Cogenell Lint-

20																	
					MININA												
Ha		Knots			WINDS.			BAROME	TER.	TEX	PERAT	CROS.	State of the Weather,	Forms of	n of Clear	State	Record of the sail the vessel is under
100	1	N.SOUA.	Pathoma.	Courses steered.	Direction.	Force.	Lormay.	Height in inches.	Ther.	Air Dry Bulls	Air Wet Bulb.	Water	Weather, by symbols.	Forms of Clouds, by symbols.	to d	of the Sea.	at end of watch.
			2				3	Inches.	atre.	Bulb.	Bulb.	serios.			E S		
A	M.							72838	200		08		1000000		7/3		
		-		Getty of	0/40-	-		00					,	11		1	
	1	/	-	0.17.	16.7.W.	5.6		5037	72	71	69	72	te	bie Com	2	9	
1	2	7	4		H.46.					"	"	71	11	4	3	"	
	3	7	6	11	11	"		30.56		"		"	"		4	,	
	. 1	1	4		01018			0000	-		-			-	-		1
9	1	7	6		H.M.O.	11		-	-	"	"	'	"	"	6	/	Tingle Reefed T. laile
1	5	7	4	H	., .	4		*	71			72			5	1	T. Glaile, F. T. M.
	6	7	4		#6	5		80.87	"		,	H	,	h. 4.	11	,	-
	7	0		-	7			200	1				-	Chemic / Im	MX		slayeail_
		8	,		4	N	-	20.28	-	-	-	-	#	"	3	1	
8	1	7	4	1",	11	A		80:40		*	70	13	-	"	-		Teaile 9. Fraile
9	91	8	2	980. 980 1280	"	4		11	4		"	11	"	4	8		Forwail F. T.M.
10		0	1	"	,	11		2.00	10	40	1.	4/	4			,	
		0	4		2012	"		50.58	75	75	72	14	-	"	11	-	Clay Cail-
11	1	4	6		O.W.O.	11	35	80.86	76	74	73	4		"	9	4	
No	00.	4	4	-4	" "			80.34	77	76	75	"		4	4	4	Foulail F. T.M.
								0.01	//	-	10						
							-			1			.1				Clay Rail, Toplaile.
	I	Vistan	ice ru	n by Log since prece	ding Noon								184	knots 6	fath	oms.	9. 9. Dile & Royale-
	L	atitu	de by	D. R. at Noon)		8.2		1
	L	ongit	toda li	y D. R. at Noon									3	20		-0	
													7	0.5	9.	"#	
	L	atitud	de by	Observations at Noo	m (9)								2		6.4	6- A	
	L	ongit	nde b	y Chronometer from	Forenoon Observ	rations	0						9	90.31	1.	.8	V
				ing the time	Laur 5 6		- 1	r, setting		01	10	100	- 1	0,		-	
					knots 5 fi	ms. pe	r how	r, setting	to th	e/6	10	N					
	V	arist	ion of	the Compass by An	nplitude @ observ	red at	Sunri	ise								*	
	V	aristi	ion of	the Compass by Az	imuth @ observed	lat	86	2.20.						6.	,	"1	8
				nded during the prec													
				and the										260	Es	Bons.	
	V	Vater	5 6				- OI L	ours								16	
	V				during the pro	ceamp	20 D										
	-	Vater	rema	ining on hand fit for		ceung	200 11							198	0		
					use at Noon	ceding	2 m						0	198		4	
	C	loal e	onsun	ned during the prece	use at Noon . ding 24 hours	ceding	24 B						9.			at lbs.	
	C	loal e	onsun		use at Noon . ding 24 hours	ceding	24 B						91/12	100s / 3		Ibs.	
	C	loal e	onsun	ned during the prece	use at Noon . ding 24 hours	coung	24 B						1/12			lbs.	
Pa	0	loal e	onsun	ned during the prece	use at Noon . ding 24 hours	coung	24 B						1/12			lbs.	
23	M.	loal c	consum	ned during the prece	use at Noon . ding 24 hours								,	" 47	15	lbs.	Plain Sail to loyale
	M.	loal o	onsun	ned during the prece	use at Noon . ding 24 hours	S		30.32	78	78	76	73	1/12 te			lbe. "	Plain sail to loyale git, F fit, Spanker
	M.	loal c	consum	ned during the prece	use at Noon . ding 24 hours				78	78	76	73	,	" 47	15	1 be. "	
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Communica and Entil 4 a.M. Clear. Pleasant. Fresh huye from He bis Comme cloude. Theaming four boilur. Frine Fanked in tur boilur. Average stram pressure 49 lbs. Primp of hunker 105° Revolutions 38- Gigued Pichard J. Davenport Ligued. Pichard J. Davenport From 4 to 8 a. Il. Cloudy and warm. Moduate huye from M. C. Thaning with four boiler - at 6:15 shoot sufe out of toplain - Fire tanked in tur boller - average stram pressure 39 lie - Truip of hurber 110° Civolutione 39-0 (liqued) Wainwright Kellogg. From 8 to Muid_Clear. Warm. Sight N. C. Frinol_Colled enfal garde at 830. at 8.40 est royale Mopped engine at 10 and uncompled profellor. at 940 Commanding Office inspected at quarter - at 10 called all handle to unster and prayer were read by Commanding Officer- Time tanked in lif tribus - average cham Jenesure white 10, 65 lbe; after 10, 30 lbe _ Perolutione Hr. Thurs of butter 100. Distribute-Figured Pam 6. Lewey Thom Theriol to 4 P.M. Clear and pleasant Light here from the Hod and God at 12:20 changed course to 9.W. by W. at 3:50 special fine under four boiler - anage cliam 20 les Temp of temper 70: Dietitle in operation -Figurd f. T. Fullivan Lieut. From 4 to 8 P.M. Theatant weather bloudy- Light here from H. Loud pasting to the 9th at 4.30 compled screw and started engine. Mustined at guartin at 5 1/4. Tingle sufed toplaile and sent down soyal yarde-amage stram pressure 60 the Funts of hunters 100 - Perduline 48. (Sigued) J.K. Cogenell Lint-From 8 to Midwight- Clear Flescant. Freeh E. 9. E. wind Coun cloude-Gra servoth - Theaning four briles, banked five in live - average strang presence 66 the Peopletion 47. Truck of tunker 110°. at 11 Moral Set- at 10.45 Set Main try sail, Spanker and fit-Signed) Richard G. Danupot (Tigued) Richard J. Danupat-

							·Co	1	11	ea						
100	100			WINDS.			BAROME	TEP	1300	EPERAT.	The last			4.		
Heur.	Knots.	*	Courses steered.	2000	130	3	7000			1		State of the Weather,	Forms of Clouds, by	in 10ths.	State of the	Record of the soil the ressel is under
		Pathons		Direction.	Force.	Leeway	Height in inches.	Ther.	Air Dry Bulb.	Alr Wet Bulb.	Water	by symbols.	symbols.	9. Es	Sea.	at end of watch.
-	700	-				7			Buth.	But.	eurlies.		2000	Sky.		
A. M.			11.	110			200									1
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3	0	~	-		-		80-24		11	"	74	"	"	8	"	9. J. Rails, Chante
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	Variati	ion of	the Compass by As	zimuth © observed	lat	8	attle						6.		" (6
			oded during the pres										20	1.		
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			ndused	during the pre	ceding	24 h	ours						36	-		
			ining on hand fit for										200	01	4	
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Mid.	10	135	"	4	11	1		14	11	11	11	te	11	2	"	Staylail Mely Rail
The same	-	-		-	-	-	1	1		-	-	-	-	1	-	& spanker-
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			by Chronometer fro	on Observations			*									
	Long	gitude	by Chronometer fro				*									
	Long	citude ation	of the Compass by .		erved	at Sur	*							,	*	
	Long	citude ation			erved at	at Sur	*							, ,	"	

Ocurrences and until 4 a. H. Clear and pleasant- Moderaty huy from I and 6th at I look in spanker- at 2 look in Main leg sail - Pleaning with four briles - Banked fine under two briles - average steam pursue 58 the Pump of hungere 100° Revolutions 44-From 4 to 8 a.M. Clear and pleasant Light here from Poland 6 at 5.50 look in and fuled all Lquare lail . Illaming one half power, arrage Cliam pressure 52 lbe. Revolutions 40. Temps of truspers 108 -Signed Paul C. Lewey From 8 to Muid - Olear and warm - Moderate herre, from 9.9.6. Pleaning with four boilie - at 8.05 let Flying fit, Main tylail, Thanke and Foresail - at 9.30 Huelied at Quarter- 1st and 2 in Divisions encised at great gund Dilled the Marine Grand - Changed course, at 8.80, to 9.80. 12 9. at 10.80 kubut hearinglying and but The try sail in ill place - amage strane 66 He Temp of tumpere 105 - Revolutione 47/2-From Merist to 4 P.M. Cloudy and dampe - Moderate hery from I dand 6 d The Smooth - at 1-80 started fine under two know boiler - Took in Foreail at 880. Quartery Board of Surry construend that came of boillion bet and them it (Tiqued) f. K. Orgewyl From 4 to 8 P.M. Clear Pleasant- Light here from Idanol 6d at 5 musticed at 2 wanter - at 5-10 level down Topgallant Yarde - at 8 danded in patent for which read 75 Wille - Itaming under lip tribus - awage stram pureum 66 pm. Ligned Richard 9. Daverport (Signed) Richard 9. Strawing with six briles - avage stram present 65 the Thurse of business 95. Persentione 56- Distitling - at 8.05 changed course to 9.4. 4 9. Signed Wainwright Kelloge Link-

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

							a	1	1.	ea						
				WINDS.			BAROME	TEE.	TEM	PERAT	The same	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear	State of the Sea.	Record of the soil the vessel is under at end of watch.
Hour.	Knots.	Pathons	Courses steered.	Direction.	Force.	P.	Height in inches.	Then.	Air Dry Bulo.	Met Bulb.	Water at	by symbols.	symbols.	od di	Sea.	at end of watch.
		7				Leems	and the	-	Bulb.	Bulb.	surface.			Sky.		
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	Latite	de by	D. R. at Noon													
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			by D. R. at Noon													
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	Longi	itude l	by Chronometer fro	m Forenoon Obser	vatioo	18 🛈								,	N	
	Curre	nt du	ring the time	knots f	ims. p	er ho	ur, setting	to th	ie.							
	Varia	tion o	f the Compass by A	Amplitude @ obser	ved a	t Sun	rise							- ,		
			f the Compass by I		dat									,		
			ended during the pr						VI)			ALC: NO	26			Control of the Contro
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			aining on hand fit i										2/	60	61	
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			ining on hand at No									94			100.	
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		-	the second law or had a long to the law of	-		-										THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

Onumerical and quite 4 a. M. Olondy first part of watch, clear last hour Warm-Trush hure from Pand 6 a at third liber of watch, came on thick should down to 4g sevolutions and hauled down Thying fit- at 3 started alread full spend-Them in life toilur- average steam fureme 62 the Temp of humpur 98 - Perstutions 53- Dietithing-Tiqued) Paul C. Lewey From 4 to 8 a.M. Party cloudly weather Light passing chowne firt love of watch.
At 6.15 Made high land having 9.W. 12 W. by standard compass. Statuing six toilur. Aveage stand 58,5 lt. Perstatione 53! Temp of humpur 110°-From 8 to Merid Cloudy and pleasant - Gentle bruge from Wo at 840 altered course to 91/2, 6. and stood for Vera brug - But the cleaner and prepared for port- Theamed into the hartor and look a fill outride the fort- Tacked a thuch Chaun that dipped he colore - Got several carte of the lead, bottome at 45 and 27 fathouse - Than pulline 59 the Temp of hinker 109° fewlutions (Tigued) f. K. Cockwell From Muid to 4 P. M. Cloudy. Harm. Moduate huge H. H. O. Cum Mint cloude at 12:20 came to in 5 fatherne water with starboard anchor, being to 25 fathoms chain, and sent toat with office for St. I. Could and to get purvision to anchor inside was the castle - at 1.80 H. I. Could came off at 1.85 hought to clean - at 2 annican Consul left Clip - got underway and Strawed into the inne harbor - Moored sleip to 30 fathered on each chain Got straw anchor out astern with 45 fathorne of chain - At 2:10 the filet-left the ship - Hauled five under four boiled, Hawked five under his language straws present 55 lbe- Temp of hurpere 55° (Tigued) Cichard & Davenport From 4 to 8 9. M. Orweast and cloudy, with occasional light showers of rain-Light hery from He Ship moved head and stern off Fort San Fran De Elloa Brearings as surred - H.W. Bastion of Fort fore H. G. W. Bastion H.C. Broke out spare anchor from fore hold, but shut chain and got anchor ready for letting go from port cat head. at 4.80 an annican Olloomer cance into Galouton, Texas, Sound South - average Steam 30 lbe - Temps of Sunker 96. Distitle in operation - Fine tanked under tur toiler (Hignes) J. K. Cogewell Link. From 8 to Midwight. Pleasant- Iqualle from the Come Hint cloude. Franked fine under two boilure- average steam pressure 20 lbe- Temp of hun few 100- Distilling.

(Tigsued) Richard & Danuport

Examined and found to be correct.

Asa Walker. Leut Navigator. LOG of the United States Steamer Essy" Send Rate, 6 Guns,

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									/		
			WINDS.		BAROMETS	B. TIDEF	ERATURE.		Vinne	35 000	
Hour. 3	Knote d	Courses steered.				Air Nir	Alr Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 15ths	Record of the sail the vessel is under at end of watch.
	Parthomas atom		Direction.	Force.	Height in 1 inches.	Dry	Wet Mi		symoon.	Ship.	
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10			N.	11	80-22	11 7/	70	4	H	11	The second second
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1	Distance ru	m by Log since prec	eding Noon						knots	fathoms	
I	Latitude by	D. R. at Noon								. "	
										N " "	
I	Longitude l	by D. R. at Noon									
I	Latitude by	Observations at No	oon ©								
					4					, ,	
	Bongitude	by Chronometer from	m Forenoon Observ	rations ©							
(Current du	ring the time	knots fi	ins. per h	our, setting	to the					
	Variation e	of the Compass by A	melitude @ obser	red at Su	mrian					. "	
					and the						
	Variation of	of the Compass by A	zimuth ⊙ observe	dat						, "	
	Water exp	ended during the pro	monding 94 hours							1.	
	-		cooming was mouse						26	or gallons	
		6		F 0		-			26	4 gallons	
	Water 1	boudense		seeding 2	4 hours	77			863	5 "	
		6	during the pro	seeding 2	4 hours	77.			363	5 "	
	Water ren	Derioleused maining on hand fit i	during the pre	seeding 2	4 hours	77		,	226	5 "	
	Water rest	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	coding 2	4 hours			3.	226 tous 9:	5 "	
	Water rest	Derioleused maining on hand fit i	during the profer use at Noon coding 24 hours	eeding 2	4 hours	777		3/92	226	5 "	
	Water rest	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	ceding 2	4 hours			3/2	226 tous 9:	5 "	
	Water ren Coal const Coal rema	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	eceding 2	4 hours			3/2	226 tous 9:	5 "	
Р. М.	Water ren Coal const Coal rema	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	seeding 2				3/2	226 tous 9:	5 "	
	Water ren Coal const Coal rema	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	seeding 2	\$0.16	7872	7/	如	226 tous 9:	5 "	
Р. М.	Water ren Coal const Coal rema	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	eeding 2		7872 72 "	71	2 fee	226 tous 9:	55 h	
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P. M. 1 2 3 4 5 6 7	Water rest Coal const	Derioleuse of maining on hand fit is used during the pre-	during the profer use at Noon coding 24 hours	5.6	30.16 30.14 30.10 30.09 80.09 80.10	11 69	69	teg " " og " " og " " " "	Sicher Sunda	5 1 1 1 5 5 1 1 5 5 1 1 1 1 1 1 1 1 1 1	
P. M. 1 2 3 4 5 6 7 8	Water ress Coal const	Derioleuse of maining on hand fit is used during the pre-	during the property of use at Noon coding 24 hours con M.H.W. M.H.W. M.H.W. M.H.W. M.H.W. M.H.W. M.H.W.	5.6	30.16 30.14 30.12 30.10 30.08 80.09 80.10	" 69	69	09	Sich on gi	5 1 1 1 55 lb 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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P. M. 1 2 3 4 5 6 7 8 9 10 11	Water rest Coal const	Doubleused naining on hand fit for the pre- sining on hand at No.	during the property of use at Noon or use at Noon o	5.6	30.16 30.14 30.12 30.10 80.09 80.10 80.12	11 69	69	09	863 226 tons 9:	5 1 1 1 55 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P. M. 1 2 3 4 5 6 7 8 9 10 11	Water resi Coal const Coal rema	Doubleused saining on hand fit is used during the pre- sining on hand at No	during the property of use at Noon coding 24 hours from Afternoon Ob	5.6	30.16 30.14 30.12 30.10 80.09 80.10 80.12	11 69	69	09	863 226 tons 9:	5 1 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P. M. 1 2 3 4 5 6 7 8 9 10 11	Water rest Coal const Coal rema	caining on hand fit is amed during the pre- ining on hand at No inde by Chronometer ade by Chronometer	during the property of use at Noon or use at Noon o	4.5 	\$0.16 \$0.14 \$0.14 \$0.10 \$0.09 \$0.10 \$0.12 \$0.12	11 69	69	09	86 3 22 6 tons 9 : " birth " " " " " " " " "	5 1 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P. M. 1 2 3 4 5 6 7 8 9 10 11	Water rest Coal const Coal rema	Doubleused saining on hand fit is used during the pre- sining on hand at No	during the property of use at Noon or use at Noon o	5.6	\$0.16 \$0.14 \$0.14 \$0.10 \$0.09 \$0.10 \$0.12 \$0.12	11 69	69	09	863 226 tons 9:	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P. M. 1 2 3 4 5 6 7 8 9 10 11	Water resi Coal const Coal rema	caining on hand fit is amed during the pre- ining on hand at No inde by Chronometer ade by Chronometer	during the property of use at Noon coding 24 hours from Afternoon Ob from Observations by Amplitude of	4.5 	\$0.16 \$0.14 \$0.14 \$0.10 \$0.09 \$0.10 \$0.12 \$0.12	11 69	69	09	86 3 22 6 tons 9 : " birth " " " " " " " " "	5 1 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

, U. S. Navy,

1877.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Donwenced and until 4 a.M. Overcast and cloudy-Light here from He average steam during watch 20 the Temp of bunker 108 Distitue in operation -Figured J. K. Cogswell Zint-From 4 to 8 a.M. Overcast- Moduate breye from Hod and & incuraing during latter part of watch - average stram former so the Temp of hunkele 900-(Tigued) Wainwright Kellogg From 8 to Muid - Overcast Pleasant Thing here with equalle fine Hot and Wel at 9.80 inspected at quartie - Oficied 1st Div. Tingle sticks 2 nd Div, Small anie, Havigatore Div, Fufanty Tactice - at 10-30 instructed appendice boyle, got up 45 fathous fort shut dain and ranged it on Lick Think tacked five in two tribus - amage steam presence 20 the-(Tiqued) Richard J. Davruport From Muid to 4 P. M. Overcast, warm, equally - Strong buye from Har With What light Raile and made preparations for dresking selick - Time fan ked in tur Grille - average stram pureum 20th Trunk of bun kur 98? Dietitling - at 1 among officer pair officer wist to the governor Hainwright Kellogg rain- Wind fuch from Hod at Semislown housed light shower of and Strange Strange 20 the Temps of how gue 90° Dietitle in operation. From 8 to Midnight - O vicast, warm with enoduate from M. H. W. Shifting to 9.W. churing Latter part - Prine banked in two boiler - Average steam pursue 20 lbs - Truep of hunker 90° - Dietitling - (Tigued) Wainwright Kellogg Link -

Examined and found to be correct.

Asalvalker. Lint.

Navigator.

LOG of the United States Theamer Essel" 3" Rate, 6 Guns,

il the ressel is under I of watch.

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F			-		WINDS.			BAROME	TER.	TENE	PERATU	THE.		THE REAL PROPERTY.	24		
	Hour. Kr	note		Courses steered.			-	-	100			-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear, in 10ths.	State of the Sea.	Becord of the suil at end
		note.			Direction.	Feros.	Leewig.	Height in inches.	Then, att'd.	Alr Dry Bulk.	Wet Bulk.	Water at surface.	by symbols.	symmet.	Sky,	CHE	
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	n	Setuna	- POD	by Log since pres	oding Noon									knots	fati	ams.	
					omed avova										,		
				D. R. at Noon									100.700		,		
				D. R. at Noon												"	
				Observations at No												-	
					m Forencon Obeer									10000	1	"	-
	C	urrent	durin	ng the time	knots i	fms. pe	er ho	ar, setting	g to th	00							
	V	aristic	n of t	the Compass by A	Amplitude O obecr	rved at	Sun	rise							1		1
	V	aristic	m of t	the Compass by A	zimuth © observe	ed at							27/10		,	"	100000
			•	ded during the pr										25	5 g	llons.	The same
	V	Water	60	reduced	during the pr	ecedin	g 24	hours						68		is.	
				ning on hand fit f										268	5	44	
	(Doal ec	ceum	ed during the pre	ceding 24 hours									tons 20	35	Ibs.	1000
-				ing on hand at No									91	" 2	10	66	1
							3						1'				
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	-	-	-						-	-	-			-	1	-	-
		Long	gitude	by Chronometer	from Afternoon Ob	beervat	ions	0							,		
		Lon	gitude	by Chronometer	from Observations			*									142
		Var	iation	of the Compass b	y Amplitude o	becrye	d at	Sunset									
		Var	istion	of the Compass b	7	at									,		

Donumence and sulit 4 a.M. blear and pleasant- Light IN of air - arrage steam 25 lk. Temp of bunker 80° Dietilling water -Signed F. T. Fullivan From 4 to 8 a.M. Pleasant, cloudy first home Light I. W. by air at 5-20 fielded topgallant qualt and cerest topgallant garde. At surgice, full develop like, pain four faction, in honor of Watchingtone hitterday. Fine tanked in hir tribue. Average clean pressure 25 the Temp of truspue 94°. Distilling. From 8 to Muid - Overcast, warm - Light aire from Id and 6; shifting to Liqued Hainwright Kellogg From Muid to 4.9. W. Cloudy but pleasant, module huye from 6. Sund out monthly money to slipe company. Temp of tunque 98? From 4 to 8 9. M. Orecast pleasant, Light huye from He and 6th Alufting to He and He at lunch sent down toppallant yards. (Tigued) Hainwight Kellogg From 8 to Midnight - Cloudy but pleasant, soind full in squalle from Korthe -(Liqued) Paul C. Lewey

LOG of the United States Steamer Open, Hegico Fiel Rate, 6 Guns,

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F											-	-				100	
					WINDS.			BAROMET	EE.	TEM	PERATE	URBL	State of the	Forms of	in 10ths	State	Record of the sail the would be said.
1	Hour.	Knots.	1	Courses steered.			6	Walada la	Ther	Air	Ale	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	P. of	of the Sea.	Record of the sail the westel is under at end of watch.
			Pathoma		Direction.	Ferre.	Locust	Height in inches.	att'd.	Dry Bulk.	Alr Wet Bulb.	at surface.		The same of	Sky.		
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	1	000			16.16.W.	4		50-02	72	12	11	-	.or	CHINC FILL	60		
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de	-	-			-	-				-	-		-	-	-	1	
		Dista	noe r	in by Log since pre-	ceding Noon									knots	Int	homs.	
		Latite	ide b	y D. R. at Noon											,		
															,	M	
		Longi	tude	by D. R. at Noon											-		
		Latitu	de by	Observations at N	000 O												
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		Longi	tude	by Chronometer fro	m Forenoon Obser	vation	B O										
		Curre	nt du	ring the time	knots f	ina. p	er ho	ur, setting	to th	0							
		Verie	tion .	of the Compass by A	melituda @ obser	a hore	· Same	dan							,	*	
							L Dum	THEC									
		Varia	tion o	of the Compass by I	zimuth O observe	dat									'	H	
		Wate	T exp	ended during the pr	eceding 94 hours									250	5 ,	illons.	
														100			
		Wate	T .		during the pro	ecedin	g 24	hours		is						16	10000
		Wate	or ren	naining on hand fit t	or use at Noon									288	0	66	
		Coal	const	amed during the pre	coding 24 hours									tons 9	10	lbs.	
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1877.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and write 4 a.M. Orneast, squally- Mich trust from 1. M. M. Fight fall of sain during first fourt.

Chown 4 to 8 a.M. Obridy, equally Mich H. M. Frind. Digiting during first and last part of watch.

Chown 8 to Muiol. Obridy, squally Mich H. M. Frind. Digiting during first and last part of watch.

Chown 8 to Muiol. Obridy, with parting shorous, sleady sain last time.

Wind field in squalle from N. M. M. white 11, sodius fell light at 10:15 secuel to foot five facts one to the saint. A sod how in blind fact. Organish in claiming first form facts. Organish from Trust of trusted 74?

Chown Henry 15 4 9. M. Orneart- Paint during first home. Light airs from Reand 6th 1700 We stitum anchod, carried at out and let it go to the saint from Reand 6th 1700 are strong to 45 fallower.

Chron 4 to 8 9. M. Orneart but pleasant, with light variable airs.

Chron 4 to 8 9. M. Orneart but pleasant, with light variable airs.

Chron 4 to 8 9. M. Orneart but pleasant, with light variable airs.

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Chron 4 to 8 9. M. Orneart but pleasant but pleasan

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				WINDS.			BAROME	TER.	TEM	PERAT	CRE.	State of the	Yours of	of Clear in 10ths.	State	Record of the soil the vessel is und
Hear.	Knots.	Pathoma.	Courses steered.	Direction.	Fures.	Leewny.	Height in inches.	Then, atrid.	Alr Dry Bulls.	Alr Wet Bulb.	Water at surker.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop of	Sea.	at end of watch.
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			by D. R. at Noon			100						The same of the sa		1	. 11	
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Mid.	9.	0.1	"	"	"	"	"	4	*	1

Longitude by Chronometer from Afternoon Observations \otimes

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

2/

Commander W. Scott Schly Paturday Elebertary 24 th

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and whit & a.M. Cloudy but pleasant - Wind light from 9. W. firthough fich in equalle from H. 7 W. latter that of water - Brownette falling clowly -From 4 to 8 a.M. Iqually and overcast- Blowing full from Hot ha rough -Temp of trun fine 80° Winds decusing towards had of watch-Signed) J. K. Cogewell Lint. Thru 8 to Huist blear and pleasant Light Wy huye during watche at 11 octock a Hepican Jan Boat came in and ancholist, in passing she Rabutal by dipping her colone - Returned her labele folm Thuny (Ide) was placed in double liver for gene cardennes; placing a kan of fork clush in galley over Just an office outrard the Herican Jun Boat, Findependiacia, to present the compliments of the Commanding Office - Liqued) & T. Julium Figured) J. T. Pullivan From Missed to 4 9.M. Cloudy and pleasant Moderate huye from He during entire water - Tea emoste Court of true fore 85 - Signed f. K. Corgewell Throw 4 to 8 9.41. Clear and pleasant. It of wind, light during first there how. Clouds enoving rapidly to Ha Trush of how kell 850. Daking watch an officer of the Grounding Chaff came atrand with a letter fort Commanding Officer. Signed) J.T. Rellivan (Tiqued) J. T. Rellivay From 8 to Midwight - Cloudy and pleasant Light huye from Ho and With Ship tolling about 2° easily Tunte of town for 82° Cotica watch four would get the Prinche (W. R. P.) Cllich Paker (W. R. P.) Zu Vangler (W. R. P.) Pichard, four (W. R. C.) Walter Thomas (W. R. P.) Coffee watch has home f. C. Pelle (Bry) Jer Hermance (Proy) For H. Fisher (Prof) Homan Huyer (Brof) of K Coghwell Lint-

dealValker, Navigator

LOG of the United States Steamin "Olly" Hisico

Je sol Rate, 6 Guns,

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					WINDS.			BAROME	TER.	TEM	PERAT	URR.	State of the	Forms of Clouds, by symbols.	Clean	State of the	Record of the call the record to cont.
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			Patho		Direction.	Ferce.	Leemay	Height in inches.	att'd.	Air Dry Bull.	Bulb.	Water at surface.			P. Say		
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		Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon "															Teach 200 70/10
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		Longitude by D. R. at Noon Longitude by D. R. at Noon															
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		Latitude by Observations at Noon ©															
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		Longitude by Chronometer from Forencon Observations ⊗ * ' "															
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		Vari	stion e	of the Compass by	Azimuth © observ	ed at									,	~	
														.1.	0		
		Wat	er exp	ended during the p	preceding 24 hours									24	JB	allons.	
		Wat	ter		during the pe	recedin	g 24	hours			W.			July 1		*	
	3.50	Wat	ter rec	naining on hand fit	for use at Noon									189	4	"	
						100		*						10/	-		
		Coa	l cons	amed during the pe	receding 24 hours	1							1000	tons <	75	lbs.	100000
		Cos	l rem	ining on hand at 1	Noon								90	" 9	65	41	
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					r from Observations			*							. ,		
				ion of the Compass	the same of the same of	ODECTVE	d at	Sunset						-	-		
			Variat	ion of the Compass	by	at									,		

under the command of Orumangla W. Tooth Telly Tenday February 25 tu , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and smith 4 a.M. Cloudy. Light aire from I and We W.H. Foliason (W.O.b.) stord from house extra dulf on qualte deck, by order of Commanding Officer. Hommanding Officer.

Term 4 to 8 a. M. Clear Pleasant Light here from I and Wo bum clouder W. H. Simul (W. P. 9kd) stord 1/2 home extra duty on quarter dick, by order of Commanding Officer - Temp of bunker 8th Signed) Richard J. Danufort Lint. From 8 to Muid blear and plearant, light aire from N.O. at 9.45 impeded Divisions at quartie, and at lew Communauding Offices inspected ship and crus- Confined Benj 9. God (In Its) in doubte inne, full Rations, to await trial by Court Martial, for attempting to lunggle liquor abraid. Temp of tunkers 82. Rayen were read by Commanding Officer -(Figured) f. K. Cogewell Link-From Muid to 4 P.M. Clear Pleasant - Light here from Hot & W. Cin Comme cloude - Temp of trunker 80° (Figured) (Cichard J. Davenport From 4 to 8 P.M. Clear and pleasant up to last home of watch, afterwardle overcast and cloudy- Moduate freeze from Hod. At literature lint clown topgallant yarde. Temp of hun free 782 Cloude paring to the Hod.

(Signed) F. K. Cogewell From 8 to Midnight- Overcast Dool-Pleasant- Moderate Horth wind Come cloude passing over from courte - Obscurd monlight- By order of Commanding Officer, Geo H. Pindar (W. P. B.) stood four hour lefter duty- Teach of brusher (Signed) Richard J. Davuport-

Examined and found to be correct.

Asalvaller Navigati

Variation of the Compass by

LOG of the United States Stanue "Olly" Mexico Rate, 6 Guns,

rd of the sull the reusel is under at end of watch.

The state of										1	/	/				-
				WINDS.			BAROME	TEP.	TEM	PERAT	URUE.	State of the	Forms of	Clear Other	State of the	Reco
Hour.	Knots.	Pathoma.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulk	Alr Wet Bulb.	Water at serios.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	Sea.	
A. M.				m/									1			
1				1	12		80.00	72	78	72		00	Qual this	10	-	
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3				"	11		11	"	"			fc	bis Ome Vin	12		
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5				M.W.,	f		80-01	"	71	70		"	Own Tim	12		
6			1.46	M.W. 4 W.	1		"	71	70	"		"	"	4		
7			64. C.	W.M.W.	04	-	30.08	11	"	"	-		1.6	6		
8				"/	-	1	80.08	"	71	71		,	Vulu	63		
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	Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon															
	Latitude by D. R. at Noon															
				m Forenoon Obser	vation	18 0								,		
			ring the time				nr, setting	to th	00					-	-	
				Amplitude © obser								119	allem.	,		
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	Wate		The State of	during the pre	ecedin	g 24	hours						V			1
	Wate	r rem	aining on hand fit :	for use at Noon									159	9		
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-		1										-				
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	-															
				from Afternoon Ob	ervat	ions (9							,	"	-
	L	ongitu	de by Chronometer de by Chronometer on of the Compose h	from Observations			*									-

Commences and with 4 a.M. Porecast and cloudy during first part, afterwards partially clear- bloude parting to the Ho Temp of huntur 782 From 4 to 8 a.M. Clear and pleasant Light aire from Hod and We Engaged in Scraping space and Equating rathing - Tumps of how ker 812 (Tigued) Wainwright Kellogg Trom T to Merid blear Pleasant Light N. C. huy - Oil Oun cloude - Our engaged in Equaring pattime and taring clown - John Tunny (2de) relegied from continument by order of Commanding Office - At 10.36 Tuninary Court Martial continued for the trial of Thomas Courty (2nd CF) At 11-30 Court Martial took riche title 19.M. Tunch of bunker 8% - Giorno Pichard & Danubout (Tigued) Richard J. Davuport From Merid to 4 P.M. Clear and pleasant, light bruge from Hod and W. J. Ougaged in Equating pattine and larring about - Humany Court convened at 1.05 - Tump of human 83 - (Tigued) Wainwright Kelloga Liebt-From 4 to 8 9. Mb. Clear Warm Light No. I huye - bis Councilouse - When manged in taining down - at 403 humany Court Martial adjourned until 10 a.M. 27 the Truth of humber 75. (Signed) Pichard J. Davuport Thom 8 to Midnight - Clear and pleasant during first part overcast Catter part - Bright knowlight - Moderate bruge from Hand Wet Temp of hungue (Tigued) Wainwright-Kellogg

Examined and found to be correct.

destaller Lient.

Navigator

LOG of the United States Stance "Olsig"
Tera Oruz, Mexico

grad Rate, 6 Guns,

				WINDS.			BAROME	TER.	TEM	PERATU	TRE.	State of the	Vones et	the char	State	
Hour.		Fathoms.	Courses steered.	Directea.	Force.	Leeway.	Height in inches.	Ther. atr'd.	Air Dry Bulb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep. of Clear Sky, in 10ths.	of the Sea.	Record of the roll the westel is at end of watch.
A. M.				9/	3		ė. o	1		7.			1.6			
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11				M.W. J. A.	"		30.10	7.4	74	78		"	"	5	233	Section 1
Noon,			19/19/17	n.6.7%.	"	i	\$0.08	15	76	75		*	. "	6		
-	Distance	-	n by Log since pre	anding Noon			500						knots .	Get	oms.	
			D. R. at Noon	beding Moon				*					KHOSS .	, Inti	,,	
			by D. R. at Noon													
			Observations at No	00m ©										,	"	
			y Chronometer fro		rvations	0	7							1	"	3 34 4 5
	Current	t dm	ring the time	knots	fms. por	r hou	r, setting	to th	10.							The state of the state of
	Variati	00.00	f the Compass by A	Amplitude ⊙ obser	rved at	Sunri	ise					1800				
	Variati	on o	f the Compass by A	Azimuth O observe	ed at									,	"	
			f the Compass by A noded during the pr		ed at								294	, ga	llons.	
	Water	expe	nded during the pr	ecoding 24 hours during the pr		24 h	ours						294	k ga		
	Water Water Water	expe	nded during the pr	during the pr		24 h	ours				3		295	k gu		
	Water Water Water Coal e	rega	ended during the pro- sining on hand fit is med during the pro-	during the pr for use at Noon ceding 24 hours		; 24 h	ours					2:	295 190:	5 75		
	Water Water Water Coal e	rega	nded during the pr	during the pr for use at Noon ceding 24 hours		24 h	ours			-		90	295 190:	5 75	llons.	
	Water Water Water Coal o	rega	ended during the pro- sining on hand fit is med during the pro-	during the pr for use at Noon ceding 24 hours		24 h	ours					90	295 190: tons 2	5 75	llons.	
	Water Water Water Coal o	rega	ended during the pro- sining on hand fit is med during the pro-	during the pr for use at Noon ceding 24 hours			So. o.	70	5,77	760		90 be	294 1903 tons 2	5 75 5 75 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8	llons.	
Р. М	Water Water Water Coal o	rega	ended during the pro- sining on hand fit is med during the pro-	during the pr for use at Noon ceding 24 hours				70	777 "	76		90 te	295 190:	75,5	llons.	
P. M 1 2 3	Water Water Water Coal o	rega	ended during the pro- sining on hand fit is med during the pro-	during the pr for use at Noon ceding 24 hours	ecceding			7.00	777	76 "		90 be	295 190: tons 2 " 4	75,5	llons.	
P. M 1 2 3 4	Water Water Water Coal o Coal r	rega	ended during the pro- sining on hand fit is med during the pro-	during the proforms at Noon coding 24 hours con	ecceding			700		11		fe	295 190: tons 2.	75,5	llons.	
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Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Communed and until 4 a. M. Overcast-Pleasant- Light H 4 huye- Okenned enoulight- Oir Oun cloude- Temp of hunkere 95° - Cloude passing one from I'd From 4 to 8 a.M. Cloudy but pleasant, wind light from H.W. 4 H. Tung of Higued) Pame C. Lewely From 8 to Merid Cloudy, warm Light huye from He and Win Engaged in blacking slip outside - at 10 Turanay Court Martial convened for Strial of Thomas Outly (2.6.5.) at 11-30 Court adjourned till 19.30. Rigued Hainwright Kellogg From Muid to 4 P. M. Donoly and warm. Light M. O. Hain Blacking ship outside - at 1 Juniary Court Martial convened for trial of Buft. Doy (The That) Temp of brunken 80°- Signed Family Sundy Sand O. Lendy Engine - From to to 8 P. M. Overcart, warm - Light bruge from Medand O. at 4-80 Court Martial adjourned - Finished blacking outside - Temp of brusher 78° Signed Wainwright Kellogg Signed Wainwright Kellogg From 8 to Midnight Overcast but pleasant - Calm - Dien mornlight (Tiqued) Fam 6. Levely

LOG of the United States Steamer Esty" Musico

g "Rate, 6 Guns,

the sull the ressel is under at end of watch.

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				WENDS.			BAROME	TER.	TEN	PERAT	CRIS.	-		24		
Hour.	Knots.	Pathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.		Air Dry Bulls.	Air Wet	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	State of the Sea.	Record of t
		Par				17	IDCDIM.	MOT G.	Bulb.	Wet Bulk.	ecchin.		1000	28		
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	Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon "															
			y D. R. at Noon										1			
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			ing the time				ar, setting	to tt	10						-	
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				Azimuth © observe	dat	1.5					**	-4.11	1000	'		1
			oded during the pr	eceding 24 hours						100			250		llons.	
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2500	Water	rema	ining on hand fit f	for use at Noon									263	55	44	
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-	-	- Indiana			-	-	-	-	-	-		-			-	
	Lon	gitud	e by Chronometer	from Afternoon Ob	ervati	ions (3							,		1.00

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude — observed at Sunset

1877.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communed and until 4 a.M. Cloudy, warm Light bruge from W. W. Obscurd mornlight. Temp of brus per 782 (Signed) Waimright Kellogg From 4 to 8 a. H. Orwast, warm - Deigling rain last how of watch balu - Temp of hunkers 88°- Signed f. T. Fullian. From of to Muid - Overcast and warm, light aire and calme - Received on board 1000 galle fresh water - Ouglish Mail Cleaner Cher came in, and anchoud on port qualter of this verter - Tump of hunkers 78 - Tigued) Same & Lewely - Chiqued) Same & Lewely -From Muid to 4 P.M. Overcast, warm - Zight & Hair - On Office from the Mexican Juntoat returned the all of the Commanding Office - Temp of bunkers 80°L Gigued & T. Fullian Figured & T. Fullian Link Thou 4 to 8 9. M. Overcast and warm, with light true from 6. Perceived out out out of Construction 150 the white least paint - 6 galle lineard oil - 9 galle spirit turbuline - 150 feet white pine - One piece zapole wood 5 in 50 it, 20 feet long - More some at 7-25 - a small straum came in at 7-45 - Temp of hungus 78 - (Signed) Same b. Lenely Ouright - Thou 8 to Midnight - Overcast Damp - Light 46. 4 air - Cleaned up during latter part of watch - Bright knowlight - Temp of true feet 78 -(Signed) f. T. Fullivan

LOG of the United States Steamer Clerk, Mexico Rate, 6 Guns,

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100		B DE LOS	WENDS.	URE.			34	E a	100						
Hear	Knots.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Air Dry Bulls.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record
A. M			1		-							,	A W		
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	Latitude by D. R. at Noon														
	Latitude by D. R. at Noon Longitude by D. R. at Noon														
		y Observations at Ne													
		by Chronometer from	m Forenoon Obser	rvations	0								,	"	
		uring the time				r, setting	to the								
		of the Compass by A			Sunri	ise					200		1.	"	
		of the Compass by A		ed at									1	"	
		sended during the pro	seeding 24 hours								-	250	gal	lons.	
	Water		during the pro	eceding	24 h	ours						1			
		naining on hand fit fo										240	5		
		amed during the prec										ons 2	75	lbs.	
	Coal rema	aining on hand at Noo	on								89	* 270	5	44	
P. M.															
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-				04		20.00	"	"	"		"		1		
	Longitud	e by Chronometer fro	on Afternoon Ober	gyation									,		
		le by Chronometer fro				*							-	"	
		n of the Compass by		erved a	t Sun								,	"	
		of the Compass by		at		7777							,	,	

Commune and until 4 a.M. Overcast and cloudy - Calin - Temp of bowken 88. Firm 4 to 8 a.M. Weather cloudy and damp- balon first part of watch. at 6.80 vind came out from the Hod gradually increasing- Cloude Jeaning to the 6.2 Temp of however 84? From 8 to Meriod - Cloudy and pleasant - Light air from Holand It of first for home, strong wind from Walast home - At 9.30 executed at quarter - 1st and 2 nd Divisions quat gene - Marine quaed small anne Temp of but fire 76. From Muid to 4 9.M. Partially overcast, but pleasant during entire water. Thrugg Not wind - I qually latter part - Baroneter steady during latter part, falling first of water. Sailmaker gang engaged in altering Main triplait - Cleaned bilger fore aft. Carpenter gang engaged in repairing Main force pump - Trush of hunker 74° The City of Havana, Mail Cleaner from Hele Goth, arrived it 3 - I and plasting to the It Tiqued J.K. Gogewell Lieut. From 4 to 8 9.34. Oricait Resout Freele equalle from Ho and We at 6 hours From 8 lo Midwight. Weather cloudy. Wind from the Holand Wet blowing fuch squalle first feart of walth, decreasing towards and of watch Lightime lot the H. Barometer sieing. Clouds pearing to the 6. Temp of bruker 77. (Tigued) f. K. Cogwell Link-

Variation of the Compass by

LOG of the United States Steamer Coly " ... Vira Ony, Mexico

f Rate, 6 Guns,

		WENDS.			BAROMI	ITER.	TES	SPERAT.	URE.			34		
lour. Enote. #	Courses steered.	-	T	2	1000		-	12.		State of the Weather,	Forms of Clouds, by	Prep. of Clean Sky, in 10ths.	State	
lour. Knots.		Direction.	Fores.	Leeway	Height in inches.	Ther.	Air Dry Bull.	Met Bulb.	Water	by symbols.	symbols.	ob o	Sea.	
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Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon														
Latitude by O	beervations at No	00 O			100								M	
Longitude by	Chronometer from	Forenoon Observ	vations	0							1000	1	"	
Current during	g the time	knots f	ins, per	hour	setting	to th	0							
DESCRIPTION OF THE PARTY OF THE			-	-	6.7								THE OWNER OF THE OWNER, WHEN	
		marking of the		0							Marie Control			
		mplitude ⊙ observ		Sunris	e						110	1.	"	
		mplitude ⊙ observer		Sunris										
Variation of th	e Compass by Az	simuth ⊙ observes		Sunris							176			
Variation of th		zimuth ⊙ observer	d at								275	gal		
Variation of the Water expende Water	e Compass by Ar	eimuth © observer ceding 24 hours during the pre	d at								275	gal		
Variation of the Water expende Water	e Compass by Az	eimuth © observer ceding 24 hours during the pre	d at								7			
Variation of the Water expendence Water Water remain	ed during the pre-	cimuth © observed ceding 24 hours during the pre- r use at Noon	d at								2130		lons.	
Variation of the Water expende Water Water remaini Coal consumer	ed during the pre-	eding 24 hours during the pre r use at Noon dding 24 hours	d at							, i	7			
Variation of the Water expende Water Water remaini Coal consumer	ed during the pre-	eding 24 hours during the pre r use at Noon dding 24 hours	d at							89	2130		lons.	
Variation of the Water expende Water Water remaini Coal consumer	ed during the pre-	eding 24 hours during the pre r use at Noon dding 24 hours	d at							89"	2130		lons.	
Variation of the Water expende Water Water remainin Coal consumer Coal remainin	ed during the pre-	eding 24 hours during the pre r use at Noon dding 24 hours	d at							89	2130		lons.	
Water expende Water expende Water Water remainin Coal consumer Coal remainin	ed during the pre-	eding 24 hours during the pre r use at Noon dding 24 hours	d at							89	2130		lons.	
Variation of the Water expendence Water Water remaining Coal consumer Coal remaining M.	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho		73	73	73		89°	2130		lons.	
Variation of the Water expende Water Water remainin Coal consumed Coal remainin	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho	90-07	78	73	78		89°	2130		lons.	
Variation of the Water expended Water Water remaining Coal consumer Coal remaining M.	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho	rus	78	73	73		89 te	2130	050	lons.	
Variation of the Water expended Water Water remaining Coal consumer Coal remaining M.	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho	90-07	78.	73	73		89" te	2130	750	lons.	
Variation of the Water expends Water Water remaining Coal consumed Coal remaining M.	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at cooling	24 ho	90-07	78	73.	73		89" te ""	2130	750	lons.	
Variation of the Water expends Water Water remaining Coal consumer Coal remaining M.	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho	90-07 80-06	78.	78.	73		89 te	2130	050	lons.	
Variation of the Water expended Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d st	24 ho	90-07	78.	7374	73		89 te " " " " " " " " " " " " " " " " " "	2130	750 1.287	lons.	
Variation of the Water expended Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours	d at	24 ho	90-07 80-06	78.	7374	78		89 te	2130	750	lons.	
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Variation of the Water expends Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours n	d at coding	24 ho	80-07 80-06 80-06	78	7874	78 72 71		89 te	2130	750 1.287	lons.	
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Variation of the Water expends Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours n	9 34 · · · /2 /	24 ho	80-07 80-06 80-06	78	78 74 73 72 73	78		89 te " " " " " " " " " " " " " " " " " "	2130	1.2875218	lons.	
Variation of the Water expends Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours n	d at coding	24 ho	80-07 80-06 80-06	78	73	73		89 te	2130	1.287521	lons.	
Variation of the Water expends Water Water remaining Coal consumer Coal remaining M	ed during the pre-	eimuth © observer ceding 24 hours during the pre- r use at Noon eding 24 hours n	3 34 " 12 / 12	24 ho	80-07 80-06 80-06	11	78 74 78 72	78		89 te " " " " " " " " " " " " " " " " " "	2130	150 1.28752186	lons.	
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Douwence and entil 4 a.M. Orwest-Damp- Freele H. H. W. wind Temp of hukue 75 -Figured) J. T. Pullian Rich-From 4 to 8 a.M. Oricart-Pleasant- Moderate H. H. W. Luy- Com Himt cloude- Precions on board 160 lbe fuch hef, 125 lbe vegetable - at 8, fidded Topgallant mach, crossed Topgallant yards and lovered lail - Temp of bunker 740 figured fichard g. Danupot- Lieut. From 8 to Milid. Clear and pleasant. Moduate buys from No at 945 excised at general Quarter. Time carting love - 1st Div 3 the 2 and Div 1 and Div 1 and Div 1 and Div 5 the Powder Div 5 the Powder Div 5 the Standard countries of fort to Mexican Jun Boat Literate Received Official Real from United State for Stance Carpenter gang engaged in repairing Jumps.

Trust of brunker 72. Iteamer flying English colore came in and anchored during water. Sigued F. R. Coquell From Meriod It 4 PM - Oloudy Good Pleasant. Moderate H y huye - Oir Com cloude - Strong 8 4 current - at 115 februar all laid, except thain sail and main try sail - at 3-80 fuled and unful thain laid and main try another Rain trysail, bent another main trysail, bent another Rain trysail. Temp of our few 74°-(Tiqued) Richard J. Davyport From 4 to 8 9. M. Clear and pleasant during first fast, afterwards overcast and cloudy - Light freeze from N' at 5.30 called all hande to much and published proceedings of Tummay Court Martial convened on board of this slip, Thomas bully (3.c.) counciled of all aulting another wan with a puife - Tentuced to 80 day's lolitary confinement on head and water, double inver, full ration every five days - Tentince commented by Commanding Office, to 15 days confinement lingle Moul, full ration lovery & days - - Bent T. God (The Hox) cleaned with attempting to lunggle liquor - Direleaned on account of inequalities in specifications - at lundown send down Top gallant Jack- Trails of hunter 76 - Barometer sixing slowly- Confined Thomas Guly (2.65.) in lingle lione, full ration every statu days, according to Sentence - (liqued) F. K. Conservel (Tiqued) F. K. Cogewell Link. Thom 8 to Midwight Cloudy Lool Pleasant bir Com Mint cloude passing to Me Light airs from We at 9.18 Moon Nove - Bright mountight gan trank I Handly (Boy) from home extra duty by order of Commanding Officer-(Signed) Richard J. Davy fort Examined and found to be correct.

deal alker Navigator.

1000						0-	ua	10	ruy	4,	1	negics				
		1		WINDS.		T	BARRONE	ETER.	TEM	PERAT	THE.			34		1
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,			n by Log since pro	ceding Noon				100					knots	fath	oms.	
-			D. R. at Noon		1000					400				*	14	
			by D. R. at Noon	1									•		"	See
			Observations at Ne												"	
			y Chronometer from	m Forenoon Obser	vation	8 🖯										
			ing the time				r, setting	to th	0		101		-18.4	14		200,000
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			ining on hand fit fo										187.	9	66	
194			ned during the prec									1	ons 2	75	lbs.	
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			by Chronometer fro				*							,		
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			of the Compass by	1.3320 0000	at	- cal								,	"	
	-	-	1										Sales of the last	-	-	

Commences and will 4 a.M. blear and pleasant, hight mornlight during first and last home. Doucast and cloudy during semainder of watch. Dight aire from It and Wat Baroneter falling slowly- Temp of hunker 72 - Jigued) f. K. Cogswell. From to 8 Q. M. Clear and pleasant, first part- Light aire from It and Wat-at surice half martiel colore- at 8 closest Topgallant yaise- Overant last home. Tiquest) Wainwight Kellogg From 8 to Merid Cloudy . Pleasant Light here from I. I. W. Com Mint cloude - Gournanding Officer of the "Kudependencia" paid official biest to the ship - Temp of himful 76 - Davufort From Muid to 4 P.M. Clear and pleasant Moduate freye from & at at 3-30 deagged steen anchor - Pan out hower to buoy action and hought up. Signes Wainwright Kellogg From 4 to 8 P. Mt. Clear Warne - Fresh huye from 6 de line Count conde - buggaged in lecuring stim facts to busy at lundown sunt down Topgallant yarde - Trusp of hunger 75 - (Tigued) Richard J. Daru past Trom 8 to Midnight - Clear and pleasant Light aire from 6 d shifting to Wordning last lions - Bright moonlight latter part - Trusp of bunker 74 -(Tigued) Wainwright Kellogg

Variation of the Compass by

LOG of the United States Steamer Cely" 3 to Rate, 6 Guns, Weise Ony, Hefico

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		1		WINDS.	1460		-	-		-	-		1000	1		
Hour.	Knots	1	Courses steered.	WLSDS.			BAROSEE	TEM.	-	PERAT	THE.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	f Clea	State of the	Becard of the sell the westel
-	N. DOVE	Pathoma.	Courses strered.	Direction.	Furce.	Demay.	Height in inches.	Ther.	Air Dey Bulb.	Wet	Water at surker.	by symbols.	symbols.	Prop. of Sky. in 1	Sea.	at end of watch,
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	Latitude by D. R. at Noon Longitude by D. R. at Noon															The said
1																
			y Chronometer from											,		
	Curre	nt dur	ing the time	knots fi	ine be	r ho	ur, setting	to th	10							
	Varia	tion of	f the Compass by A	mplitude O observ	red at	Sun	rise	-							"	-
110	Variat	tion of	the Compass by A	zimuth © observed	i at.										W	A COLOR
			nded during the pre			10						10000	25	0 .	llone	
							-					711		B	RHOUSE	1.
	Water			during the pre	cedin	24	hours					1111	Will be		*	The same
	Wate	r rem	sining on hand fit fo	or use at Noon									162	5	41	
1	Coal	consti	med during the prec	oding 24 hours									tons 2	75	lbs.	
7.	Coal	remsi	ning on hand at No	00	100				1			29	1 /2/	80	-	
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			e by Chronometer fr				*						-			100000
													Transled .	1000	-	
	VIII	riation	of the Compass by	Amplitude obs	erved	at S	unset									

Thom 8 to Michight Cloudy but pleasant, with light buye from HAV. TH.

Examined and found to be correct.

Salvalker, Lient. Navigator

Tiqued Fam C. Lendy Curique -

Longitude by Chronometer from Afternoon Observations ⊗

Variation of the Compass by Amplitude observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by

LOG of the United States Traum Colly " Vera Cary, Mexico

gud Rate, 6 Guns,

						U	u	a	4su	4	, ,	ru	que				
		T			WINDS.			Baltoner	-	-	PERAT	-			5.		1
Bar	r. Kno			Courses stoored.	91/100			BANOGE	IEE.				State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clea	State of the	Record of the sail the vessel is under at end of watch.
1100	A. Marie		Don't	Courses stoered.	Direction.	Force.	Leemay	Height in inches.	Ther.	Alr Dry Bulb.	Alr Wet	Water at surbos.	by symbols.	symbols.	S. F.	Bea.	at end of watch.
		1	Pathe				3	LOTIONS.	-	Bulb.	Bulb.	au rison.			Sky.		
A. 3	L	1			2/2	180											
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	Varia	ation	di	the Compass by A	zimuth © observed	1 44		The same								**	111
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100			реп	ded during the pre	ceding 24 hours									258	gs	llons.	
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Communeel and emitt 4 a.M. Olean and pleasant. Light aire from Ho and lot -Heavy dew - Mornlight. From to 8 a.M. Olean frict and last lines orecast pert of watche Calm -at 8 crossed topgallant yards. Temp of true per 78° (Signed) & F. T. Fullian, From 8 to Meriol - Harm, with light buy from H, clouding one last hour - at 9.30 Sounded call to general quarties, and excised without powder . Cart looke - Harigatore Dir Langone 1st Dir 2 45 th Town Dir 4.5. Engine Dir 545 he Ficund at 10.09 Broke out Clarboard Shot locker -Temp of burgue 740 Figured) Tam & Lewey From Hariot to 4 9. M. Clear, warm - Light bruge from Hot Consider of at larget peaclice - The Commanding Officer of the Mexican Juntoal called on Commanding Officer - Tetrip of brungen 142 Cut a test through flooring in starband elect broken and cleaned the tilge in the sun! From 4 to 8 P.M. Clear and warm, freele herre from Ho- at suncet sunt down topgallant master and topgallant faide - Ougaged during watch in letting up topenast back clays, and cleaning vilge under startoard shot locker - Fruit of hungur 76 -Thom 8 to Midwight blear Damp Light buy from Ht, incurring latter front of water Tumps of brunker 76. (Tigued) & T- Tullivan Limb.

Trance Cercy "

g. rd Rate, 6 Guns,

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-	Latitude by D. R. at Noon															
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, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Downward and with 4 a.M. Olean and pleasant Moderate buye from M., fresh in Aqualle last how - Temp of hunker 78°
Thom 4 to 8 a.M. Olongy equally and damp- Fresh buye from the M. Moderate kear.

Thom 6 to Minid. Clear and pleasant- Moderate buye from M.H.W. At 940 inspected at quality - Had Deel Parade and dilled the Battalion by the Manual Tunk of hunger 76° Condemned 6 the butter (Recapings and learness) for Fellivan (Signed) for Fellivan (Signed) for Fellivan (Signed) for Fellivan of hunger - Temp of hunger 78° Commanding Officer paid of fine that to the Minist and pleasant Moderate been from M. 4 W. At 6.07 Sent damped and learness of fine from M. 4 W. at 6.07 Sent down to forgallant years and pleasant Right here from M. 4 W. at 6.07 Sent down topgallant years and top gallant marte. Temp of hunker 78° Cigned) f. T. Fullivan Gint down topgallant years and top gallant marte. Temp of hunker 78° Cigned) f. T. Fullivan Sint- Term 8 to Midnight Cloudy and pleasant Junte here from M. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned) f. T. Fullivan Sint- Temp of hunker 74° Cigned f. T. Fullivan Sint- Temp of hunker 74° Cigned f. T. Fullivan Sint- Temp of hunker 74° Cigned f. T. Fullivan Sint- Temp of hunker 74° Cigned f. T. Fullivan Sint- Temp of hunker 74° Cigned f. T. Fullivan Sint- Temp of hunker 75° Cigned f

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Variation of the Compass by

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Commenced and mentil 4 a.M. When, damp- Light air from 9.W. Jan a 7. Light (Prox) and F. Z. Handly (Prox) from home extra anchor watch, by order of Commanding Officer -From & to & a.M. Clear Pleasant Light 9.6. huye brun the clouds Pecinical outs and 160 the fuch they and 180 the regitable at & fielded topgallant wants and crossed toppallant yards Temp of humpur 78° liqued Pichaed J. Dampont Torm & to Muid. Clear and pleasant light airs from It during first frant, afterwards from I and be at 9.80 inspected at quarter and exclined Divit as followed, 1st and 2 and Divit great green, market by Powder Dir, stations. Opiciest 6. a at small arm target practice. Temp of truster 74° -- fair O. Bretter (ha) and them Drieble (ha) left the land, writtout pumission, while allow on duly. While allow on duly -(Tigued) f. K. Organell From Muid to 4 P. Mt. Olian Warm - Light from 69.6. Commenter cloude Concined at larget practice with galling gen - Offended 2000 Nounde, bal, 50 Thut delion to Obuit of Police a reward of ten dollar each for the appelluncion and delivery atrans, of far 6. Butter That and It we Driecoll (Tea) about without leave- Temps of headen 74-8 (liqued) fichard & Daruport Flower to 8 P.M. Olean and pleasant, light huge from 6th Garometer steady-at Runtet lent down topgallant mark and galde. Placed 4. 6. four (196.8) in double since for aling officere language to Office of Deck-Tunk of trusper 71° Mail Cleaning "Oily of Havana" and "bity of Muida" left at 5 for the United Hate. (Rigued) J. K. Cogewell From 8 to Midwight Glear Pleasant Heavy dew - Light by fruge thate doude - Trusp of hunger 74? (Signed) Richard J. Davenport Lieut.

Examined and found to be correct.

ScaWalker, Lieut Navigator Steamer Cery Mexico

Mexico Rate, 6 Guns,

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Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commence and suit 4 a. M. Orecast and calm. Wet and foggy latter half of water - Temps of but pur 74° (Signed) f. K. Cogewell Link-From 4 to 8 a.M. Misty during first foot afterwards clear and pleasants at colore sent life sedin topiquelant mast and left fore housed-(Signed) Wainwright Kellogg From 8 to Muid: Clear Warm. Light 6th huge Countle cloude - 21-980 purt up fore top gallant mast. Parjected at quarter and efectived / Land 2nd Divisione lingle strike. Operation Marine Jamed Swall and Larget practice, Operation 110 sounds Tunje of brunkers 76. (Signed) Pichard 9 Davysort Link. How Mind to 4 9. M. Clear and Evans - Light here from 6 Alifting to Aligned We and We Congaged in coaling Chip. Precioned on to and 13 tout - This obserts out of Jell head dust condumed by brand of Dury Pecived on trand 1000 galle fuele water - Winst freducing during lattle part - Vigued Utainwright Fellogg (Tigued) Hainwright Kellogg From 4 to 8 P.M. Leas Warm. Polowing a moderate gale, with occasional heavy quete from It a at 4-40 peut down top gallant male Timp of humber 750 theat lightning to 92 (Figure) Richard & Danufert Lightning to 92 From 8 to Midwight Clear warm - Moduate gale from Hot with occasional squalle - Wind decreasing during latter feart of watch -Riqued Hainwright Kellogo Linkt.

Examined and found to be correct.

Scallather, Lieut. Navigasor.

LOG of the United States Strange Course Mexico

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, U. S. Navy, . 1877.

Commence and until 4 a.M. Clear Pleasant Freth N 4 heigh Ciny Cumular close Bright Starlight - More love at 245 - Gan 9. H. Ringer (Ede) and F. T. Handly (Port) each four house extra watch - Vemp of himber 7 4 - (Tigued) Richard & Davenport Linet From 4 to 8 a.M. Clear and pleasant, frus bruge from H. W. W. Peccional on board for one of cur, 149 lbe full buf and 125 the regetable - Gigued Jam & Lewely From 8 to Muid Clear and pleasant Moduate herre from Mand W. at 9-30 Samelind at quarter - (Piqued) Wainwright Kellogg From Heriol to 4 P. H. Pleasant, watte surduale bruge from H. by W. Mich one horizon to Hod last how - I wanted Proud of Sway condumed one can of toward, to be thenon overboard - Lient P. J. Davenport, left the shift on bean of attende until Tamestay 15 the inst-From to 8 P. M. Overcast, warm, damp Moduate huye from W. Paymarter I Demicon Houlbut, left blick on leave of absence entit the 15 th ibet -(Tigued) Wainwright Kellogg From 8 to Midnight - Clear and pleasant with light heeye from H. 4 W. (Tiqued) Tam & Lewely

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P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal	r expe	ended during the pre- maining on hand fit is	during the prestor use at Noon coding 24 hours on 3/ // // // // // // // // // // // //	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 80.14 80.14	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal	r expe	ended during the pre- maining on hand fit is	during the prestor use at Noon coding 24 hours on 3/ // // // // // // // // // // // //	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 80.14 80.14	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal Coal	r exper	anded during the pre- maining on hand fit is used during the pre- ining on hand at No	during the prestor use at Noon coding 24 hours on 3/ // // // // // // // // // // // //	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 80.14 80.14	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal d.	r exper	aining on hand fit is med during the pre ining on hand at No	during the pres during the pres for use at Noon coding 24 hours con H. L. C. H. L. C	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 " 30.14 " "	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal c	r experience of remaining to the remaini	aining on hand fit is med during the pre- ining on hand at No.	during the prestor use at Noon coding 24 hours	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 80.13 80.13 ""	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
P. M 1 2 3 4 5 6 7 8 9 10	Water Water Coal c	r experience of remaining to the remaini	aining on hand fit is med during the pre ining on hand at No	during the prestor use at Noon coding 24 hours	2 " " " " " " " " " " " " " " " " " " "	g 24 1	30.22 30.18 30.14 " 30.14 " "	76 77 76 77 76	76 777	75 76 . 77	be " be " " be m oc " " "	low banks	89 755	Ilba.	
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Commenced and sente & a.M. Clear and pleasant first part, with fresh bruge from Hod and Et & Orneart last home Browneth Clearly -Tigued) Wainwright Kellogg From 4 to 8 a.M. Overcast and pleasant - Light huye from Hod Covered Topogallant yarde at 8 oclock - Tallivan Thom of to Merid - Clear and pleasant, with light bruge from M.W. Two Mission humophrodite brigh, and also a Mexican blue wheel Cleaner, went to bea -From Muid to 4 9.M. Clear and pleasant Light N. N. G. Fain - Coaling and watering ship - Received 900 galle fuch water - Jigued F. T. Fullian Bient From 4 to 8 9.M. Cloudy but pleasant, with light being from H. G. 4. H. From 8 to Midwight_ Overcast, calm - Last tur house damp. Consider -Riqued) & T. Fullian Link.

LOG of the United States Steamer Elley"

gust Rate, 6 Guns,

							Vena	2	1	h	uj	, M	legica	_		
Hour.	Knots.	Pathona.	Courses stoered.	WENDS. Direction.	Fures.	Leeray.	Height in inches.	1500	Ale	Alr Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessed is as and of watch.
A. M. 1 2 3 4 5				A	9 " " 12		80:16	74 " " 76	74 " " 75	72 " " 74		0c . be	Cum Ho	40 2 68 0		A STATE OF THE STA
6 7 8 9 10 11 Noon.		0 0 0 0		Calue H.W. FW.	02""		30.16 30-18 30-20	75	74 75 76 " 77"	75 . 76		bed bed oc "te	Cum Him Gune Cie Gun 11	. "		
	Longi Latitu Longi	itude l	m by Log since pre p D. R. at Noon by D. R. at Noon Observations at N by Chronometer fro ring the time	oon ⊗ m Forenoon Obeer			ar, settin	g to ti	be			7	knots	fat	homs.	
	Varia Varia Wate Wate Coal	tion of tion of experience of the constitution	of the Compass by anded during the process of the Compass by and the process of t	Amplitude © observer eccoding 24 hours during the pro- for use at Noon seeding 24 hours	rved at	t Sun	rise					/2:	25. 90. 17. totas 2. 8 15	3 8 8 8 6 7 5 80	allons.	-
P. M				4/11	T	T		T	T	1	T		1	T		

. M.	0/140/					50			
1	1.67M.	1	80.16	77	78	77	be	Où Oun	5
2	1.6.76.	2.3	8010	"	"	"	11		7
3	6,4,6.	3	11	11	-	76	"	"	"
4	6.	25	80.09	11	77			- "	3
5	1:11	3	80-06	76	"	4		"	1
6	6.4.6.	4	"	"	4	"		"	
7	"	3		11	11			"	11
8	"	"	30.08	"	4	75	"	"	4
9	"	2 0.1	80-12		4	76	4	#	"
10	2 1/2	0.1	80.18	11	"	11	1	"	3
11	W.9.W.	1	"	A	A	H	"	Gir San I	12
Mid.	"	4	11	R		"	11	11	5

Longitude by Chronometer from Afternoon Observations Θ

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 a.M. Cloudy first part, cleaning up towards close of watele -(Tigued) Pam 6. Levely From 4 to 8 a. M. Thick suit Driggling sain frait of watch - Light aire from the Wit Tungs of hunker 75 - Precional field furnisions for cur-Thom of to Muid. Orneach first part, afterwards clear, warm. Light airly from the and be at 9.45 had pulinding unspection. at 10. Commanding officer inspected the ship and own at quarties. Musticed the central and before The Clear and pleasant Light huge from the and by shifting to be Barounter falling.

Thom Meriod to 49.M. Clear and pleasant Light huge from the and by shifting to be Barounter falling.

Thom to 8 9.M. Cloudy and pleasant Damp- Light huge from Sint Coll. C. at sundown shirt down top gallant gard.

Thom to 8 9.M. Cloudy and pleasant Damp- Light huge from the Sint Coll. C. at sundown shirt down top gallant gard.

Thom to be thirdwarm shirt down top gallant gard.

Prover to the Midwight- Weather class of the said. From & to Widnight - Weather cloudy - Light ain from the 6 - ground swell letting in from the 9 and 16 - This rolling about 3 -Figurd) f. K. Cogenell Zimt.

Variation of the Compass by

3 Rate, 6 Guns,

					Vera	0	mu	4,	Mexi	er			
			WINDS.		BARCMETE	P. 11	EMPERAT	TRE.	State of the	Yorms of	Clear 0ths.	State	Record of the sail the
Hour.	Pathona,	Courses steered.	Direction.	Popos.	Height in Inches.	her. Dr.	Alr Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	of the Sea.	at end of w
A. M.			,						,	1.			
1	10	and a	Calm	0	80.127	16 7	776		be.	Ounthi	12	30	a seek
2			"		"	N 11	11		oc	"	0	20	
3		printe	"	11	" 7	15/10	675	1	//	11	"	-	
4			1	"		" "	"		",	"	1	3	
5		1000	- 10	"	80.137	76 4	/		to	1.6	14	1	11113
6	-	200000000000000000000000000000000000000	3/6	01	80-15	17/	10		"	Oi Om	4		2000
8			76.0.	11	0.16	1/9	77	,	"	11	3		
9		- January	6.96	"	0070	N I	VI		11	-	5		
10	1000		0.71.0.	1.	30.14	78	1 11	1		11	6.	-35	
11.	100	016		11	80.12	11 1	1	111	14.7	11	8		The sails
Noon.	18	West 1	The state	11.	80.09	A 11	. 11		" .	1	9	10	a since
-					-					1	/	-	a Bear
	Distance r	un by Log since pre	eeding Noon							knots	fixth	noms.	
1	Latitude b	y D. R. at Noon										"	
1	Congitude	by D. R. at Noon				160	W.		2		1	"	11111
1	Latitude by	y Observations at N	oon ©				4		S. ALVE				the state of the s
1001	Longitude	by Chronometer fro	m Forenoon Observ	ations 6							,	*	
	Curlent di	uring the time	knots fi	ns. per l	hour, setting t	to the							
2 37	Variation	of the Compass by	Amplitude @ observ	ed at St	unrise .	100			phy		218		16
	Variation of	of the Compass by	Azimuth @ observed	at .	1.00		2.3			2000	13	."	11 .0
		ended during the pr								25	20	llons.	
	Water	1,00	during the pre-	ceding 2	4 hours					148	21	**	
		naining on hand fit						-			4	"	-
		A CAN DO VANDO	ceding 24 hours	200	15/1		121			tons 2	75	3 lbs.	1
	Coal rema	sining on hand at No	oon .				-		120	11/3	00		1110
. P. M.		Par New	1									T	
1			6	3	80-10	78 7	77	-	6	but	Pero C	6	
2			6491	4	80.06	10/	1/1		"	Unite O	5		
3				3	80.08	77 7	78	,	"	"	7		
4			6.4.6	4	"	78	11	,	"	- 11	6		1
5			"	11	80.00	"	11 1	,	11		4		
6	1000		1 .	1-2	"	1	1 1		"	"	5		
7			6.4 %.	"	80.01	11	11 1	7	"	"	"		1200
			,		80.02	1	11 A	7	"	"	14		
8			6.	10	00.07								THE RESERVE OF THE PARTY.
8			6.4.91.	2	80.04		11	*	"	4	6	;	
			6.4%.	-		11		"	"	6un			
9	-		6. 4. M.	2	80.04	11		,		6m			
9			6.4. W.	2/	80.04	77	4 4	,	"	but "	2 5		
9 10 11	4.		"	2 1 01 "	30.04 30.06 30.08 80.09	77	4 4	,	"	"	6	5	
9 10 11	d. Longita		from Afternoon Obs	2 1 01 "	30.04 30.06 30.08 80.09	77	4 4	,	"	"	6		
9 10 11	i. Longitu	ade by Chronometer ade by Chronometer ion of the Compass b	from Afternoon Obs	2 / or "	30.04 30.06 30.08 80.09	77	4 4	,	"	"	6	5	

Communeel and emtil 4 a. M. Poucast. Damp. Calm. Barometic steasty-Flow 4 to 8 a. H. Overcast, warm balu first part, light aire from H.C. Last frant. at 8, crossed royal and topigallant yards and loved sail to a bowline (Tigued) Wainwright Kellogg From 8 to Meriod blear and pleasant, light aire from Hod and 62 at 9-80 encired at Junal Quartie Time casting loose 1st Div 4 me 2 and Div 1 m 40 me Master Div 1 m 50 me Powder Div 2 m 80 me Time lecuring 1st Div 6 m 10 me 2 and Div 2 m 10 me Master Div 2 m 10 me Powder Div 2 m 55 me At 10-15 shortend sail, and at 11-80 furled sail - Barometer falling eail - Barometer falling -(Tigued) f. K. Cogswell Link trom Meriod to 4 P.M. Clear and pleasant- Moderate here from Med and 6th 4 . C. forme (146.B.) released from confinement, assol but to duly- Sent Council for fuch water - Barometer falling-(Tigued) Wainwright Kellogg From 4 to 8 9. M. Clear and pleasant, light aire from Modand & and Establishmente sixing clowly- at lundrown lint down saifal and topgallant grade and topgallant grante June and topgallant waster - I sumedially after sunctioned at quarter and served out clean hammooks-From 8 to Midwight Partially overcost, damp - Light aire from 6 the Right well from Wand 6th (Signed) Nainwright Kelloge · 4 30 16-1600, 5 0

Р. М.	2										
1			96.6.46.	2	80.05	79	80	79	te	Cie Com	5
2	50	Carre Ca	05 4	3	8002	"	"	.4:	- 11		1
3		1	"	"	80.00			3.	"	11.	Z.
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6			76.4 M.	1	80.01	11	"	"	"	Himb	A .
7	38		H.W.YM.	01	80.02	-			od	11	
8			11	3	3004	11	79	77	or	"	*
9			"	12	11	"	"	79	od	"	
10				0.1	11	"	1	"	oc	11	"
11	100		,	A	11	11	"	11	"	"	11
Mid.	100		//	11	"	"	11	"	"	"	"

Longitude by Chronometer from Afternoon Observations ⊙

Variation of the Compass by Amplitude observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by

Commencel and entit & a.M. Weather cloudy and mity- Light air from the 6, shifting to the Hot and Wol Tigued f. K. Coopewell, Signet from 4 to 8 a.M. Cloudy but pleasant, with light air from H.W. Touthed hannocke. At 8, but up top gallant marte. Parlie startand fore soyal backstay. Trust of blurger 80° Liqued Family Saw 6 Lendy Ourige.

From to to Mario Cloudy, warm. Light air from Hand With Surfaceled at quarter at 9180. Afterwardt special at battalin dill-Made perparative for painting this inside. Liqued Wainwright Kellogg. From Muid to 4 9. M. Cloudy and warm, I dearant buy, from X6.76.

Engaged painting slup incide. The Mexican Juntoat Litelad get
underway and went to lear Trump of bunkers 80° famel James Curingle. during latter part - Light huye from Hod and & Paining (Tigued) Wainwight Kellogg From 8 to Midwight Cloudy and warm . with light H. W - 4 die -(Tigued) Fam 6 Lewey S. C. Sandare F. St.

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Plane "boun"

LOG	of of	the	UNITE	ED STA	TES	1	1	ca	ш	u	1	U.	e	ey	4.		0	V	, .	Rate,	6	Guns,
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		1												1		_		1				
						WINDS.				BAROMI	ITER.	TIM	PERATU	THE.	State of the	1		the char	Grate			
Hour.	Knots	Pathons.	Course	steered.	Di	irection.	1	Fores.	Leeway.	Height in inches.	Ther, att'd.	Air Dry Bulls	Air Wet Bulb.	Water at surbos.	Weather, by symbols.	Clo	erns of rols, by rabols.	Prop. of Cles Sky, in 10ths	State of the Sea.	Heoord of the	nd of watch.	is under
A. M.					1					2 4	-					0	4. 1					
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8	40		.,	115	N. A	. W.				30-10	1 "	"			"		4	7				
93		000			H.	M.80		04		30-12	77	77	76		"			6			-	
10	10	10	Marin Marin		100	N .	,	11		"	78	78	77	13		1		15		1 4	311	
AL	130		in since		H	M.6		2	4	o Man	-	"	1	00	. 4	0	4	7	1	ili	1 50	
Noon					90	#		3.		"	4	"	1	113	1	1/12		10		100	41.10	
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	Dista	DOS TI	in by Log	since pre	ceding l	Noon										kne	ots	fat	homs.		******	
-			D. R. at		1000	-		3.1	1.					1	. 1	1			100	-		
			by D. R.			3				100				-	100							
-	-		1			1		1				de			14 15		-			1		
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A			of the Con				10		Sun	rise		3/5	-	10	65377		-		. "	11	11111	
			of the Con					at	1	22016	10	11.		10	97,	1	100	- 1	200	10	211170	
	Wate	r exp	ended dur	ing the p	receding	24 hou	186				-						25.	28	allons.	-		
600	Wate	1	4000	aire	do	ring the	e pro	pedin	g 24	hours												
Sent.	Wat	er ren	naining on	hand fit	for use s	at Noon	1								The same of	. /	178	0	44		-	
- 5	Coal	const	amed duri	ng the pri	ecoding :	24 hour	8	2.	111		1000		10.	ter	3	tons	: 2	75	Ibs,	1		
	Coal	rems	ining on h	and at N	oon								1		12	3.	7	55	- 44			
			*												THE REAL PROPERTY.		-					

	74117						
P. M.	2/9/6	,	30-0686	-200	1	Ci Can	7
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6	61	1	" "	11 11	"	"	3
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11	11	2	0012	" "	"	"	0
Mid.		2,	80.117	67676	"	A	"

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

Commencel and gutil & a.M. Orecast, mily first part, afterwards clear and pleasant - Right buye from Hod and Word (Tigued) Wainwright Kelfogg From 4 to 8 a. M. Clear and pleasant Calm first part, afterwards light air from H d and WI . Thelivan, (Figured) J. T. Gullivan, Lint. From 8 to Muid Clear and warm, light air from H. H. W. first half , moderate buye from H. H. C. latter half of water . Ougaged in painting lower maste, bowefirst and bush toppallant forecaste . Mexican Hianus "Minalitan came in and anchored of Clastraed quarter of the vellel-Luartily Board of Purcy, condumed 15 the tutter, he found to contain Balt only - Tunk of hulber 78: By order of Commanding Officer, whom recommendation of Jugeon, Thomas Only (267) was reliand from further confinement imposed by Tunnary Court Martial - & lentine of From Meriod to 4 P. W. Clear and warm - Fariable airy first plant of watch - Just bruge from H. H. W. last home of watch - Light fall of rain about 3-30 - Ougaged in prainting ship inside - J. Tullivan Chamber - De Just Lo From 4 to 8 9. M. Cloudy and Rully, light Hot and H. W. 4 air. Pigued) Paul Co Leurly (Tigued) C. T. Autliran Lieut-

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

I Rate, 6 Guns,

	1		,,	11	Ve	ia	0	eux, M	igico		
Hour.	Fathoms,	Courses ateered.	WINDS. Direction.	Fure. Fuer.	Height in inches.		remperature Mer Wet alb. Bulb. a	State of the	Furms of Clouds, by symbols.	Prep of Clear Sky, in 10ths.	Record of the roll the vessel is under at end of watch.
A. M.	. 35 13		A. H.W.	2	80:10	757	776	he	bul	6	Comme
3		2000	1	3	" "		4 4		"	7,	are specification
5	1		W.M.W.	7		76 7	675	"	bun	8	1042
7 8		-	X. 20.72	1	80.13	75	73	N N	bis .	8	
9	101		2146	2 "	80.14	77-	76		"	11	Trace Ch
Noon,	1 10	1000	110.00	3	1 4	787	9 "	"	Cir Ou	9.	Theo thea
		un by Log since pr			ine.		-	2019	knots	fathoms.	The stand of
	ongitude	by D. R. at Noon y Observations at 1		1	150A1	7.0		10.00	· · · ·	10 "	Letter & los
Land	longitude		om Forencon Obser		our, setting	to the				, ,	-
,	Variation o	of the Compass by	Amplitude ⊗ observe		mrise	1			2160	4.24	ON CONT
	Water	(d) F. 7	during the pro	coding 2	4 hours	40		in ha	~	A gallons	0.000
	Coal const	naining on hand fit amed during the pr sining on hand at N	receding 24 hours		in	11	1830	المنا	15 tons 2 3 4	26" 75 lbs	
P.M.	Coal Fema	aming on hand at P	toon					/2	3, 4	1	
1 2		100	M.M.6.	2	30-14	78	80.79	te	вин	9	1
3		(0)		11		1	179	0000	· bul	w. 7	"Patrician de la Constitución de
5	1	1.70	"	12	80-08	"	80 81		"	26	
8 9			4	く。	21	18	78 79	N N	bus	29	
10			"	1	80-11	,	77 76	6 N	"	8	
Mid	11		W.M.W.	"	30.1.	2"	" "	,	"	"	
	Longitu	de by Chronometer	from Afternoon Ob	servations	0						

, U. S. Navy,

. 1877.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and butil 4 a. M. blear and pleasant, with surdual huge from H. H. W. Temp of hunker 76 (Signed) Pam 6. Levely Comign.

Thom 4 to 8 a.M. Weather warm and pleasant. Light H.W. 4 aire bugaged in painting aloft. Temp of hunker 77. Signed) f. H. Corpewell. From & to Muid. Olear warm and pleasant. Light air from Mand 6.2. Ougaged in painting chip invide. Conscienced and their overtoard 3 can't (4 lbt each) presented must be that there fork and Tepal Buf Burning 6.2 Thinks of humber 78.2 (Tiqued) f. T. Pullivan From Muid to 4 P.M. Olear warm and pleasant. Light burn from O.M.O. Timilust painting. Thurk of burling 18.2 Barometer clearly during last three hour.

Trom 4 to 8 P.Mt. Olear and pleasant. Light M. M. O. Fair. Conserver Trump of burling for Mental Sight M. M. O. Fair. Sight The Manual Sight M. M. O. Fair. Sight The State of Juntal Sight M. M. O. Fair. Sight The Manual Sight M. M. O. Fair. Sight M. M From 8 to Midwight- Clear and pleasant Light ain from He and of bullful 78?

Signed) f. T. Fullyan

Light of the ful 78?

Signed of From He and He to Barowhire sking shooty. Think

Signed of Signed of the Signed of S

Transier Cely " Rate, 6 Guns,

			-					te	ea	- 6	Pri	uz,	Mey	ico		
1					WENDS.			BAROMETER.	110	(PERATU	32.	State of the	Forms of	of Clear in 10ths.	State of the	Record of the roll the vessel is a
	Heur.	Knots.	Pathons.	Courses steered.	Direction.	Force.	Leemay.	Height in The inches.	Alr Dry Bulls	Met Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in D	of the Sea.	at end of watch.
	A. M.				0 -							,	,			
				interior	W.	1		80:157	775	75		Fe	Oun	9	1	Deminion!
	2				"	7		11 11	74	74	30	te	How	9		The last wall
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,	11		46	C. C. V. W.	0.9.0.	2.8	10	80.048	082	, M.	06	second.	10	. #	1	Sign Clark
	Noon.	200		1	1	N		80-02	" "	34	1	10	- dies		100	· commis
	-	27.7		1.67	month											
1				n by Log since								1	knots	tat	homs.	-
				D. R. at Noon by D. R. at Noo	-	1	9		1					,	- 1	Dear Sie
				Observations at					***			111	11.	11	N. A.	la andi
					from Ferencon Obser	vation	18 ①							,		
				ring the time				our, setting to	the							-
		Varia	tion o	the Compass b	y Amplitude © obser	rved at	t Sur	rise way	3	ica		Burg	ist.	1.	"	1.500
		1000	-00	the same of the same of the same of	y Azimuth ⊗ observe	ed at			-			-	1 31	100	4114	10 10
.0	100	Watt	exbe	nded during the	proceeding 24 hours								25/	7 8	gallons	
	337	Wate			during the pe	ecedin	g 24	hours			-	1				1
.,		-			fit for use at Noon			mil	200	15 1		-	12		44	1
	1			-	preceding 24 hours			177.		-	11	10.5	tous 5		Jbs	10/10/10
		Coal	remai	ining on hand at	Noon							119	" 4/	2	5 "	and a second
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	9	-	4		0.9.6.	-	-	29.98	//	N A	-	"	Que	tund		
	10	-	18	-	4	1		"		" "		"	Oilla	alling.	5	
	1 M	-			"	K		1	N	11 1	W	4	11	-	"	
	M	14.	-	1		1	1	19.94	"/	7 "	-	"	1	-	"	
		Lo	meitu	de by Chronomer	ter from Afternoon Oi	Marrie I	tions	0							,	
					ter from Observations		- CALLED	*								
				Name and Address of the Owner, where the												THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Donnewed and until 4 a.M. Olean and pleasant Light Wif bruge Bright starlight Temp of how kere 780 (Ligned) J. T. Pullivan -From 4 to 8 a. M. Clear Good Pleasant Light It If heye Com Hint cloude-Wrighed stream Kedge, and carried a line out to a bury on port quarter. Got Apar ancher on forecaste, off bow. Made preparation for getting underway -Oct 6:10 started fine under four main bollen - Received in Pay Department 160 be full beef, and 180 be regetable - Temps of butter 80° (Tigued) Richard & Danufget From 8 to Muid. Clear and pleasant. Right bruge from Id and It & Shifting to 6- at 9 hor up clartoard anchor, found foul of an old anchor and chain. Cleand it, and hove up fort anchor at 1145 got under way by winding chip, by the bury, and closed for Sacraficio Feland. Average stram pure of the Tump of bruger 86°. Gigued J. K. Coglwell From Muid to 4 P. Mt. O lear Harm. Moderate 6 4 here - at 12-20 came to auction. Moved slip, 45 fathouse Starboard cleain at have live, 45 fathouse port cleain just forward bitte 5 1/4 fathouse water. Bearings at anchor. Carried out Kedge anchor in 6. N. O. direction, with about 80 fathous line -to ove up fort anchor - Hove in to 30 fathous starbald cleain - Than pussion 45 the Fings of bruker 85. (Timed) Richard & Davenhort (Figured) Richard J. Davruport thou & to 8 9. Ht. Clear and pleasant - Trule 6 th huye Let go port anchor and veried to 15 fathous on port cleain, and how in to 30 fathouse on star board cleain - Let the fine under two boilure die out - Condensing - Dragged for stream cleain - got the port shut anchor ready for letting (Tigued) J. N. Dogewell From & to Midnight blear Warm. Moderate bruge from 6.9.6. Heat lightning to 90 Chear hawer. Banked fine in two bilus. Tumps of burker 96. average steam pressure 30 lbs. Distilling. (Tiqued) Richard J. Daoguport

Examined and found to be correct.

Asalvacker Navigator.

LOG of the United States Transit Celif"

Hesico

			Sac	esficio	. 1	Ma	ud,	Mey	ico	-
				1						
		WINDS.		BAROMETER.	TEMPE	RATURE.	State of the	Forms of	Clear	State Record
Hour. 1		Direction.	Force. Sunay	Height in The	Dvy V	Vet Water	Weather, by symbols.	Forms of Clouds, by symbols.		ftle Sea.
	Pathe		3	Inches. att'd	Bufs. D	Vet at all auchoe.			28	
A. M.		ada-					,			
1		W. 9.W.	1.2	29.92 79	797	8	be	Ci bration	47	66
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8		0/	1	" "	-0-	10-		11	1	
9		6/1/6	/	29.97 "	171	0			6	-
10		M.M. O.	4	299978	880	"	*	"	4	
11	The Property of	"	"	" "	N .	"	"	"	1	
Noon.			11	" 79	9817	79	"		4	
							-	1.,	-	-
1	Distance run by Log since prec	ceding Noon						knots	fithe	oms.
I	atitude by D. R. at Noon									-
L	ongitude by D. R. at Noon	The state of the s	0 0							-
	atitude by Observations at No	oon ©						11.	1	-
	ongitude by Chronometer from		sutions @						,	
					4					
	Current during the time		1	our, setting to	tne					
	Variation of the Compass by A			mrise						
	Variation of the Compass by A		dat						_	
	Water expended during the pro-							17:	o gal	lons.
	Water Consleved		eceding 2	4 hours				40	0,	
1000	Water remaining on hand fit f	or use at Noon		Br.				158	4	
	Coal consumed during the pro-	coding 24 hours					1	tons 6	85	Ibs.
	Coal remaining on hand at No	on					118	" 14	40	u
							-		-	-
Р. М.		9/4/					,	1	-	
1	19 19 19 19	1.70.	3,	29998	082	78	be	Ci Ou	42	
2		"/	4	11	. 81	1	4	1	5	1
8		A.	3	11 1	82	79	"	1	"	13 100
-4	S Comment	"	11	29.98	81	"			4	
5	A VICE SE	"	"	80.00	N N	78			2	1 10
6	S 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		4	80.007	979		"	fo. 91	10	
7	S E LESS	"	"	80.08	1	11		11	1	
8	805.00		"	30.057	18	"	1		"	1
9	10-10-10-10-10-10-10-10-10-10-10-10-10-1	"	5		11 70	76	1	1	1	
		7/ 40		8012	1/0	10	199	1	0	
10		1. 100.	"	0 /	1/9	-	be	1	4	
11	1	"	6	30-14	N N		tog	-	5	-
Mid.	The state of the s	M	1	30.16	" "	*	1	11	1	The second
			/						-	
			/							
	Longitude by Chronometer t		servations						,	0
	Longitude by Chronometer	from Observations		·					,	
		from Observations y Amplitude of	eervations beerved at	·						

Donnencel and until & a.M. Olear and damp, heavy of light aire from 9 of and It - Barmeter steady - average strain 32the Temp of hunker 902 Dietitle in operation -(Figured) J. K. Cogewill From 4 to 8 a.M. Olear and pleasant, with light air from Wet thehut 80 fathowe from blut chain on deck, but it on blut chain in locker and paid it blow- Over in have at end of watch. Thom in two boilve. Dietiling- average stram freezewer 25 th. Temps of humper 94. (Tigued) Wainwright Kellogg From 8 to Muid - Clear Warm - Light aire from H. M. C. Crose in hause, Star board clean on top, dipped it runder and levening clear . By order of Dominanding Office, Was Dricoll (ha) and fame 6. Butter has an decland Richest who Kedge- Banked fine in two briles. alwage stram persone 35 lbe- Timps of him ken 86. Dietitling-Figured | Richard & Davuport From Muid to 4 PM. Cloudy warm - Moduate huye from He Carniel out fedge action, with straw chain, as stone fact - Fined to go fature fort chain, 45 fathous startoard chain - Fine fautist in the brille- arrange straw forester for the full of humpur 86. Distilling -(Signed) Wainwright Kellog From to 8 9. Kt. Olondy Itarin - Moderate bruge from He at 6 seemed 45 fathou shackle, post cleain, forward bitte - Foots in stim fast. Banked five in live briler - average clean pureum 30 lbe Fruit of funken 100° Dietitling - Pigued) Richard J. Davenport (Rigued) Richard J. Davenport From I to Midwight Glear and pleasant first part of watch at 11 had a light squall from Mo, the wind feelwing to strong here from Mo W. Turned to strong here from Mo W. Turned to Sout Allest clean. Than in tur toilur - average presence & Ite. Temps of brusher 90° - Dielilling -(Rigued) Wainwright Kellrog

Examined and found to be correct.

Asalvacker,

Navigator

Tranur Celley" 3" Rate, 6 Guns, Pacraficio Galand, Mexico

							Fac	ra	fic	io	1	Rlai	ud,	1	les	ico
								6	/				-		1	
Hour.	Knots.	Pathoma.	Courses steered.	Direction.	Force.	Leernay.	Height in inches.		Ale Dry Bulls	Alr We Bulb. surf	der by	tate of the Weather, r symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sull the vessel is us at end of watch.
A. M.		4		Who.	-	2						, ,	12			
1				n. FW.	57		30.16	76	76	73	1	regt	Oune His	42		
2				"	4		11	R	11			*	R	5		
3				"	46		N	11				1	11	8		
4	-	-		3/3/3/	"	1	11	M	N	"	1	eg	11	R		
5		-		n.h.w.	4.5		80.14	77	75	74		"	11	7	00	
6				"	4		30.16	"	4	*	-	"	Oi Ou	e "	1	
7	*	-		1000	5		80.18	A	-	#		*		N		
8	-				"		80.20	1	-	-		4	1	1		
9		-			5.6	-	80-22	1	15	15		-	-	4		
10					11	-	80-24	2 "	11	74		4	*	6		
11	0				"	1	80.23	1	-	"		*	-	1		
Noon.				•	11	-	30-24	-	*	73	-	•	"	1		
														-		
	Distance run by Log since preceding Noon . knots fathoms. Latitude by D. R. at Noon															
	Longitude by D. R. at Noon															
	Latitude by Observations at Noon ⊕															
	1000			m Forenoon Obser									-	-		
			ing the time				ur, settin	g to ti	be							
				Amplitude @ obser		Sun	rise								"	
				Azimuth ⊙ observe	dat								./	1		200
			nded during the pr										24	40	allons.	
			robuled		ecedin	g 24	hours						40	10	*	
			sining on hand fit i									,	154			
			med during the pre							-		101	tons / 5	20	lbs.	
	Coal	reman	ning on hand at No	000								116	" 21	30	-	
P. M.		100		No.	T			1					1	1	1	
1		13	THE REAL PROPERTY.	0/	0		e		/_/	-0		11	6	2	/	
2	1	100		16.	3.5		802	074	74	1/3	-	bejug	2 Viens	and h	4	1
3		-		"	24		2.	ON A	"	1	-	1	- "	1	1	300000000000000000000000000000000000000
4		100			3:		30.1	1 "	-	1		veg	-	11	-	-
5		133		0/9/20	-31	-	80-1	1	7			"	1	-	-	
6		1		16 / de 911	000			6 11	17	1		99	- 1	0		
7	1			1. JW.	1	-	80-1	20	13	"	1	veg		1		
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9				7/2/4	1 3	_	"	1		57/		"	1	1	1	
10				1.00.11			800	1	-	574		"		1		
11	-	13			1	1	80:2	100	y 1		-	"	,	1		
Mi	-			Calu	1		801	8 1		4		"	,	1	-	
	-		1	Value	1	1	1	1		-			-		-	

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

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Donnencel and with 4 a.M. Cloudy Pleasant Fruit M.W. I wind, with heavy quete from Hod Ounnelle Himbel cloude Round up 45 fathome clut claim, unchackled and secund end around fore mast 1220 let gr span bown, reced to 15 fathous clean. 12-80 countre haced yarde- Banked fine in lur boilere-Dictilling- Pump of bunker 80° arrage stam presence 20th. Much heat lightning visible around horizon-(Tigued) Richard J. Davyfort From 4 to 8 a. M. Clear and pleasant weather, write wind fuch in equalle from H. H. M. Sea moduate - Fine ranked in two boiler - average Man pume 80 lbe - Timp of bunken 100 . Distilling (Tigued) Tam C. Lemby From 8 to Merid. Cloudy- Aqually- Throng hery from A. Et. at 10, Commanding Office impulsed Neip and central quarter. Afterwards held Devine Privale. Fine banked in the boiler. average steam pursue 25 the-Trup of hunker 90°- Dielitting. Fort anchor bony came embed and diefted astin. (Tigued) Wainwright Kellogg From Muid to 4 9. M. Cloudy, with parting shown of rain first hay of watch. Wind fuch in Aqualle from Hother File banked in that boiler. Average stam presence 35 the Temps of hunker 90. Dichtling -Trom 4 to 8 9. M. Cloudy - Wind full from H. by M. Fine banked in two boilers - average strain pursue 80 the Funt of hunker 90. Dietitling -(Tigued) Hainwright Kellogg From I to Midnight - Clear and pleasant, with light huye from H. W. and calm - at 9-20 known let - Frier banked in two Hiller average stram pursue 80 the Temps of humber 90° Dietitling-(Tiqued) Pam 6. Lewy Cuign

LOG of the United States Steamer Cesuf" gus Rate, 6 Guns, Pacialicio Feland, Mexico

				WENDS.			BARCOEE	TER.	THM	PERAT	URE.	State of the	Vorma of	Bear the	State	
Hour.	Knots.	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Alr Dry Bulb.	Air Wet Bulb.	Water 64 surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, is 10ths.	of the Sea.	Record of the sail the year at end of watch.
A. M.				W.	12		8020	74	74	73		te	Cuntin	+3		
2				W.4 H.	01		30.18	"	"	11		П	N	4		
3				",	"	18	11	N	"	11			11	2	1	
4				M_	1		"	73	78	72		0	4	0	100	100000000000000000000000000000000000000
5				H.4 W.	1		80.15	"	74	73			4	1	133	
6				"	11			74	11	"		be		2		
7				*	"		*	"	11	11		11	"	5		
8				1/11.1	2			,	75	74			4	11		
9				M.O.7 H.	1		80.14	75	76	75		H	11	6	100	100000000
10			(6000)		2		80-12		H	11		//	Die Com	7	1	
11				*	-				11	R		11	11	"	1	
Noon.					4		"	76	77				"	8	1	

Distance run by Log since preceding Noon	knots	fathoms.	
Latitude by D. R. at Noon	the ment of		
Longitude by D. R. at Noon	Charles and the		
Latitude by Observations at Noon ⊙	The state of		
Longitude by Chronometer from Forenoon Observations ©		. "	
Current during the time knots fins. per hour, setting to the			
Variation of the Compass by Amplitude ⊕ observed at Sunrise			
Variation of the Compass by Azimuth ⊙ observed at		. "	
Water expended during the preceding 24 hours	24	5 gallons.	
Water Concluded during the preceding 24 hours	73	0 "	
Water remaining on hand fit for use at Noon	200	00 "	
Coal consumed during the preceding 24 hours	/ toes 8		
Coal remaining on hand at Noon	116 " 12	25 "	

P. M.							3 3 3 3 3 5	130		
1.	6.4.6.	3	80.06	76	77	75	be	Cie Bun	8	
2	*		30.02			76	1		9	
3		4	30.00	"	,		"		"	
4	"		"	#	11	11				
5	6.4%.	11	29.94	77	78	76	1	"	7	
6	"	1	29.96	76	77	.11		"	8	
7	-	"	"	"	11	4	"	"	11	
8	, "	"		M	4	*	1	1	11	
9	6.	11	80.00	11	11	11	,	House	10	
10	2141	3	"	"	A			bun	7	
11	9.6.76.	"			"	11	"	"	6	
Mid.	"	1	80.01	"	76	11		"	9	

Longitude by Chronceneter from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commenced and until 4 a.M. Cloudy but pleasant, with light air from It of Fine bouked in two boilur- average eliand furerine 30 th. Temp of burker 100. Distilling. (Tigued) Wainwright Kellogg From 4 to 8 a.M. Pleasant weather Light H. Faire - Hove up and catted struct anchon. Hove in to 45 fathoms on port chain, and in to 30 fathous on plantacol chain - Tund to 60 fathous, at waln't edge, on pluam chain -From 8 to Merial Clear and pleasant weather, light wind from He and H. 6 d. at 9.40 bout to Junal Quarter, divisions reporting ready as follows try, havingatore Dio 1 m 50 me pet Dio 5 m 2 nd Dio 2 m 80 me Powder Dio 4 m Engine Dio 1 m 20 me Secured at 10.20 - at 10=50 loved lail to a browline - Fine banked in two briles - Than 80 lbe - Temps of bunken 90 ° Dietitling - June 9 and 6. Zenely From Heriol to 4 9. Ht. Clear and pleasant Fresh huye from C. H. C. Hortmed sail at 1.30 - Fruit at 3.30 - Prince ban feel in the friture - average steam freem 30 lbe - Temps of true feel Dietitling - Barrante falling - Prince of fruit for gut for Julius falling - Prince of fruit fulling - Prince of fulling - Prince of fruit fulling - Prince of fruit fulling - Prince of fulling - Pri From 4 to 8 P.M. Clear and pleasant, with fuch here from 6. It. At sun let sent down topogallant martin R. f. Hamilton (0.526) function from 2" cutter while action on about, and san - Frue transferd in hor boiler - average stram 80 lse. Temp of the pur 94. Dietitling - Giqued) Tam 6 Levely trom 8 to Midnight. Clear and pleasant, light fram from 9 and 6 of Oreiter.

Oct 17-04-15. Nounded call to Junal Enactive. Original Dio reported ready in 6 and 8 see Marine Juand in 8 and 5 me Pargeone Dio in 9 and 5 me Martine Dio 9 and 5 me Pargeone Dio in 9 and 5 me Martine Dio 9 and 5 me 11 and 30 me Courage Junelan 45 the Trump of bun Pene 95. Distilling for The Palliane

Courage Junelan 45 the Trump of bun Pene 95. Distilling for The Pulliane

Link

Variation of the Compass by

Trans Celes " Sed Rate, 6 Guns,

The Date Desired by D. R. at Noon Latitude by D								1	aci	ag	icio	Reau	id, 1	ne	uc	
Distance run by Log dince preceding Noon Latitude by D. R. at Noon Latitu					WINDS.			BAROME	TER.	TEM	PERATURE.			24		
Distance run by Log dince preceding Noon Latitude by D. R. at Noon Latitu	Hou	Knots.	1	Courses steered			1	Helekt In	There	Air	Air Water	State of the Weather,	Forms of Clouds, by	of Clk	of the	Record of the sail the westel is une at end of watch.
Distance run by Log since proveding Noon Longitade by D. R. at Noon Latitude by D. R. at Noon Latitude by Chronometer from Forenoon Observations © Carrent during the time knots from set from per hour, setting to the Variation of the Compane by Amplitude © observed at Stancies Variation of the Compane by			Pathe		Direction.	Force	Lora	inches.	att/d.	Bulb.	Bulb. surface	2) 4)	4700000	S. P.	OHA.	
Distance run by Log since proveding Non Latitude by D. R. at Non Lat	A. 1	1.			,		150								100	
Distance run by Log since proveding Non Latitude by D. R. at Non Lat					100lu	0		80.00	75	76	75	hor	hi: ho.	-		
Distance run by Log since proveding Noon Latitude by D. R. at Noon Latitude by Observations at Noon Latitude by Observations at Noon Latitude by Chronometer from Forencom Observations © Current during the time Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantiee Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stantie Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © observed at Stanties Variation of the Compane by Aminath © ob	2				d	1	1	20.00	10	10	10	"	UNIC OVER			
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Distance run by Log since preceding Noon Latinobe by D. R. at Noon Latinobe by O. R. at Noon Latinobe by O. R. at Noon Longitude by O. R. at Noon Coal command during the preceding Noon Water expended during the preceding Noor setting to the Variation of the Compass by Amplitude O observed at Survise Water expended during the preceding Noon Water Coreclessed Oral research during the preceding 24 hours Water remaining on hand at Noon Coal command during the preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Oral remaining on hand at Noon Distance run by Log since preceding 24 hours Distance run by Log since run by Amplitude Oral Survival Surviv	1				"				"	"	"	"	,			
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Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by Chromomotor from Observations	170				1.00.		-	1000		17	100	TO BE BUILDING	Qu The			
Distance run by Log since preceding Noon Latitude by D. R. at Noon Latitude by Observations at Noon © Longitude by Chromometer from Forencon Observations © Current during the time knote final, per hour, setting to the Variation of the Compass by Amplitude © observed at Starrise Variation of the Compass by Arimath © observed at Starrise Water expended during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours The Coal remaining on hand at Noon P. M. 1 2 3 4 4 5 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 6 7 7 8 8 8 9 Longitude by Chromometer from Observations ©					,,			27.70		100			-	136		
Distance run by Log since preceding Noon Latitude by D. R. at Noon Latitude by D. B. at Noon Longitude by D. B. at Noon Longitude by D. B. at Noon Current diring the time knots finst per hour, setting to the Variation of the Compass by Amplitude © observed at Water expected during the preceding the preceding 28 hours Water remaining on hand at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon Default of the Compass by Amplitude of th					6.	-	-	200		7/	7.	-	1.6	0		1
Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Variation of the Compass by Amplitude © observed at Suarise					La luc		-	47.7/	"	76	10	1	100	11		-
Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Longitude by O. R. at Noon Longitude by O. R. at Noon Current during the time knots fins, per hour, setting to the Variation of the Compass by Amplitude © observed at Sunrise Variation of the Compass by Amplitude © observed at Water expended charing the preceding 24 hours Water expended charing the preceding 24 hours Water remaining on hand at for use at Noon Coal consumed during the preceding 24 hours Total consumed during the preceding 24 hours Onel remaining on hand at Noon P. M. 1 2 3 3 4 3 4 3 4 7 7 7 7 7 7 7 7 7 7 7 7 7	100			7	0.7 n.			"	71	18	10		1	-		
Distance run by Log since preceding Noon Latitude by D. R. at Noon Latitude by D. R. at Noon Latitude by Chronometer from Forenoon Observations © Current during the time knots fink per hour, setting to the Variation of the Compass by Animuth © observed at Sunrise Variation of the Compass by Animuth © observed at Sunrise Water expended during the preceding 24 hours Water expended during the preceding 24 hours Water remaining on hand at for use at Noon Coal consumed during the preceding 24 hours Onal remaining on hand at Noon P. M. 1 2 3 3 4 4 5 6 7 6 7 7 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11	1				"		-	29.96	"	"	//	-	1000	10		
Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Longitude by Chronometer from Forenoon Observations Current during the time knots fins, per hour, setting to the Variation of the Compass by Amplitude © observed at Sunrise Var	100	100			"		-	29.95	"	77	78		1			- The second
Latitude by D. R. at Noon Latitude by Observations at Noon Longitude by Observations at Noon Longitude by Observations at Noon Longitude by Observations of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude	Noor	2-			"	1	100	29.94	4	"	79		"	19	1	1000000
Latitude by D. R. at Noon Latitude by Observations at Noon Longitude by Observations at Noon Longitude by Observations at Noon Longitude by Observations of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude Variation of the Compass by Amplitude	-								-	-				-		
Longitude by D. R. at Noon Latitude by Observations at Noon ○ Longitude by Chronometer from Forenoon Observations ○ Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ○ observed at Sunrise Variation of the Compass by Amplitu		Distan	oce ru	n by Log since	preceding Noon								knots	fath	oms.	
Latitude by Observations at Noon ♥ Longitude by Chronometer from Forenoon Observations ♥ Current during the time knots fma. per hour, setting to the Variation of the Compass by Amplitude ♥ observed at Sunrise Variation of the Compass by Antimuth ♥ observed at Sunrise Variation of the Compass by Anti	Latitude by D. R. at Noon															
Longitude by Chronometer from Forencon Observations © Current during the time knots fina, per hour, setting to the Variation of the Compass by Amplitude © observed at Sanrise Variation of the Compass by Azimuth © observed at Water expended during the preceding 24 hours Variation of the Compass by Azimuth © observed at Water expended during the preceding 24 hours Variation of the Compass by Azimuth © observed at Water expended during the preceding 24 hours Variation of the Compass by Azimuth © observed at Water expended during the preceding 24 hours Variation of the Compass by Azimuth © observed at Water expended during the preceding 24 hours Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azimuth © observed at Sanrise Variation of the Compass by Azi	Longitude by D. R. at Noon															
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Variation of the Compass by Arimuth © observed at Water expended during the preceding 24 hours Water Concollected during the preceding 24 hours Water remaining on hand it for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon P. M. 1 2 3 4 5 6 7 7 8 9 10 11 Mid. Longitude by Chronometer from Afternoon Observations ♥ Longitude by Chronometer from Afternoon Observations ♥ Longitude by Chronometer from Afternoon Observations ♥ Longitude by Chronometer from Observations ♥	Longitude by Chronometer from Forenoon Observations ②															The state of the s
Water expended during the preceding 24 hours Water Condenses during the preceding 24 hours Water remaining on hand it for use at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 16	Current during the time knots fins. per hour, setting to the															10000000
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 16		Variat	tion of	f the Compass b	y Azimuth ⊙ observ	ed at									. "	
Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 16		Water	expe	nded during the	preceding 24 hours								24	40	llons.	
Water remaining on hand fit for use at Noon Coal consumed during the proceding 24 hours Coal remaining on hand at Noon 16		Water	· Co	udeuses	during the p	recedin	g 24	hours					73	0	**	
Coal remaining on hand at Noon													250	0	44	The same
Coal remaining on hand at Noon		Coal	DODEE!	med during the	preceding 24 hours								tons 4	25	Ibs.	3500
P.M. 1 1 1 1 1 1 1 1 1 1 1 1 1												116	-	40	"	
1												110	/	"	•	
2 3 4 19.87	P. 1	ı.	70		R CONTROL									T	T	
2 3 4 19.87	1		100		648	2	100	100	-0	70	7-7	1	6.6	0	1	
3 4 5 6 7 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2		177	1000	0.770.	100		1000	10	17	//		1000			1
10 10 10 11 10 10 10 10 10 10 10 10 10 1	1		1		,	8 0	1	17.81	. "	0	100					
5 6 79 9 29.85 " 79 " " 79 " " 79.85 " " " " 79.85 " " " 79.85 " " " 79.85 " " " 79.85 " " " " 79.85 " " " " 79.85 " " " " 79.85 " " " " 79.85 " " " " " 79.85 " " " " " " 79.85 " " " " " 79.85 " " " " " 79.85 " " " " " " 79.85 " " " " " " 79.85 " " " " " " 79.85 " " " " " " " 79.85 " " " " " " " " 79.85 " " " " " " " " " " " " " " " " " " "	-	-	13				-	29.86	-	10						
10	48		-		Lud	9		12.60	4	-		1	"	7		
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B		-	100		"		1	29.80	5 "	"	1"	10	10	1	100	
9 10 11 Coalcu		7	1	1250000	,"			29.80	677	78	"	bel	Ount	int/	-	
10 11 10 10 11 11 10 10 11 11 10 10 11 11	-		180		Oalu	0		29.9	0 "	1	1	"	1"			
Mid. Calcu O	-	-			W.Y. &	1. 0:	1		78	8 "	"	*	Osun	17		
Mid. 2U. 9. W. /	-			-	, "	-	1		"	4	4	*	"	19	1	
Longitude by Chronometer from Afternoon Observations ⊗ Longitude by Chronometer from Observations *			1		Calm	. 0)	"	"	11	"	"	"	8		1
Longitude by Chronometer from Observations *	M	id.	-		81.9.W	. /	1	"	"	11	78	"	"	4	-	
Longitude by Chronometer from Observations *	-		- Contract			-			-					-		
							ions (3						,	**	
Variation of the Compass by Amplitude observed at Sunset								*					W	,		-
		Va	riation	n of the Compas	ss by Amplitude	observe	d at S	unset						1		

Doumencel and until 4 a.M. Clear and pleasant, with light air from Poutte-12:80 stopped distillu, and at 2 handed fine - aveage lleam presum 30 ls. From 4 to 8 a.M. Weather warm - Light aire from I and Wet Moderate livel letting to the I and Wet and Wet Moderate and covered top gallant mark and your formal top gallant mark and covered top gallant and royal yards. Thurs of him free 93. From 8 to Meriol. Clear and pleasant. Light hery from 6.4 1. At 9-15 impected crue at quarter At 9.45 had company blief, and afterwards Due Parade. Quartity Board of Theory condumed and their overtrand one can of Justinos weat. Think of bunker 88. June) f. T. Helliam, From Herid to 4 9. M. blear and pleasant. Moderate hery from the Temp of bunker 82. Carpentur engaged in repairing gig-(Signed) f.K. Cogewell from & to 8 9. M. Clear, warm and pleasant Light buye from 6.4 9. Calm latter part of watch. At him down sent down the gallant and royal yard and lose gallant marke - W. H. Holine (2de) Closed Nor blown lefter watch, with larling hammore, by order of Commanding Officer - Lightning in horizon to I'd Temps of Computer 80°-(Signed) J. P. Pulliyan From 8 to Midwight- Olean, calm and Islanant. Occasional light aire from 9d and It of Barometer Steady. Tempe of bunger 800 Figured) F. K. Cogewell

Treamer Jolly " 3 rd Rate, 6 Guns,

				WINDS.			BAROME	TER.	TEM	PERAT	URR.	Onto of the	V.	Par	9111	
Hour.	Knots.	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulls	Air Wet Bulb.	Water at sortion.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	I'vep of Clear Sky, in 10da.	State of the Sea.	Record of the soil the vessed is und at end of watch,
. M.				21	12		19.91	76	76	75		fe	Cum	4		
2				110	1		1/2	"	"	"		"	Cum Him	47		
3				9.48.	A		4	75	75	74		"	"	4		NO. OF THE PARTY O
4				Calm	0			11	11	75		"	9/1	9		
5					11		29.94	11	11	R		+	-	10		
6							29.95			"		0 ,	-	"		
7	33				11		29.96	4	"	"	155	113	-	30	1	Mark Sheets
8				"	"		29.97	1	76	76		"	-			The same of
9				"	"		29.99	"	"	"		of	Him	40		
10			1 6 3 100	"/	"		30.00	76	78	"		beau	bie bu	44		
11				2.	12		"	"	79	77	-	be	4	4		
ioon.				*	2		80.01	77	"	"		"	"	5		-

Distance run by Log since preceding Noon	knots	fathoms.	в
Latitude by D. R. at Noon		, ,,	Ŀ
Longitude by D. R. at Noon .			ľ
Latitude by Observations at Noon ⊕		. "	ı
Longitude by Chronometer from Forenoon Observations ©		, "	ı
Current during the time knots fins. per hour, setting to the			1
Variation of the Compass by Amplitude ⊙ observed at Sunrise		. "	1
Variation of the Compass by Azimuth ⊙ observed at		, "	ı
Water expended during the preceding 24 hours	259	gallons.	1
Water . during the preceding 24 hours	,		1
Water remaining on hand fit for use at Noon	224	2 "	ł
Coal consumed during the preceding 24 hours	tons 14	95 lbs.	-
"Coal remaining on hand at Noon 4	" 148	5 "	1

. M.			/									
1		10000	M.	3	2	9.99	77	79	78	fe	bic bu	6
2			1.46.	"	29	9.97	78	80	"	"	41	5
8		THE STATE OF THE S	MH6	11	,	"	R	"	"	"		"
4	5	S. Section		"	C V	"	11		"	//	11	11
5						a	"	79	77	"	"	"
0		J. Carrier		"	2	9.98		78	76	-	"	11
.7			"	2-5	8	0.00		"	4			
8				3	8	0.06	79	"	11		Cum	N
9				2	8	20.05	77	77	75	11	"	
10	1	1	"	11	8	0.07	1	11	"	"	" ;	11
11				"	8	80.09	76	"	76	"	Bis 9/1	9
Mid.	133		"	4		#	"	11	111	"	"	"

Longitude by Chronometer from Afternoon Observations Θ

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

0

Donnueuced and until 4 a.M. Clear and pleasant Light aire from I'd and It is Heavy dew. Temps of bruken 80° figured) Wainwright Kellogg From & to 8 a.M. Foggy- Warm Light I'll wind at 8 lut up top-gallant marte, crocked light yarde - Temp of bruspen 80. (Tigued) Richard J. Davuport From & to Merid - Calm and forgy first part of watch, clear and warm latter frant Light here from It of Truspected at quarter at 9-80 and exercised at great gener - Polol the clothing of two dienters at auction - Tigued) f. K. Cogenzel There thereof to 4 9.4. Clear Warm. Light here from I and the sent a seward of two dollars achore, for the arrest and delivery about of P. f. Hamilton (0.9.2 mote) about without lear Fruit of hun pere 80. (Figured) Richard J. Daverport The A lot 8 P. Mt. Clear and pleasant- Moderate hun from Reand and light yards -Thurst of brunker 78 - Bright Monlight- Giguid f. K. Cogewell

Signed f. K. Cogewell From 8 to Midwight - Clear Pleasant Right house from H.A.C. (Rigned) Richard J. Davenport

LOG of the United States Transaction Seland, Hefico Rate, 6 Guns,

135		WINDS.			BADOOGE	TER.	TEM	PERATURE.					
Hour. Knots.	Courses strered.	Direction.	Furce.	Leeway.	Height in inches.	Ther.	Alr Dey Bulb.	Air Wet at Bulb. writes	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.	State of the Sea.	Record of the suil the st end of
A. M.		0/0/1							,	,			
1		11.11.0.	1.2		80.09	76	76	76	be	веш	9		
2		"	11		80.07	75	75	74	"	11	7		
3		"	2		"	11	11	75	N	11	"		
4		"	"		"	11	73	74	"	4	"		
8	E	"	11		80.08	11		N	"		11	33	
6		"	"		8009	11		"	11		4	100	
7		"			"	M	4	"	"	"	4		
8		"/	"		11	"	"	4	"	"	"		
9		M.,	1		3011	75	76	75	11	Cirlon	8	1	
10	Section 1	X. N. C.	2		80.09	76	78	77		"	"		30000
11		26.	"		80.06	76	80	79	"		9	100	
Noon.		6.4.6	N	-	80.05	111	81	N	4	"	11	1	To the same
Longit Curret Variat Variat Water Water Coal	de by Observations at N tade by Chronometer fro nt during the time tion of the Compass by r expended during the por r remaining on hand fit consumed during the pre remaining on hand at N	Amplitude © observer Arimuth © observer receding 24 hours during the pro- for use at Noon	fms. po wed at d at	er ho		g to ti	be		115	35 187 tons 2	96	" wallons. " lbs. "	
P. M.		La Company									100	1	- CONTRACTOR
1		646.	2		80.0	2 78	181	78	to	Cum	8	1	The Real Property
2		4	23		29.9	9 11	79	77	,	bis 6	7		
3		6			29.9	6 1	. "	1	,	H	1		
4		4	-		1	1	79	76			8	1	
5		"			299	5 4	11	77		"	-		1000
6		"			200	67	7 "	76	"	"			
Total Tre		The state of the s	-	-	1/1	1/	/ "	10	-	1 .	1	-	The same of the sa

Longitude by Chronometer from Afternoon Observations ⊕

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Dommuncel and suite 4 a.M. Clear and pleasant Light buye from Hol and to St of the String dew Temps of (Tigued) J. K. Cogswell From 4 to 8 a.M. Clear and pleasant, with light ain from It It at 6.15, american Hail Heaven, City of "Heriola", came in & anchored-From 8 to Meriol blear Warm - Right here from Het Miffing to be at 9.80, inefection at quarties - Exercised 1st and 2 and Districtual Lingle sliche, Marine, small and, Rifle grant crew, signale.

Troup of true pur 80 - (Tipered) Richard 9. Daventon (Tigued) Richard J. Davenfort From Muid to 4 P.M. Clear and pleasant, with light buye from (Figurd) Wainwight Kellogg From 4 to 8 7. M. Clear Pleasant. Moderate buye from 6 2 Die Comme cloude. At lundown leut down light yards and topgallant marte. Temps of bunkers 78. By order of Commanding Officer, Human Mayer (14c.18) Stood 1 20 m on quarter deck. Signed) Richard & Dannpor Riqued) Richard J. Danuport From 8 to Midwight blear and pleasant Moderate breeze from (Figured) Wainwright Kellogg

Pleasure Colley Rate, 6 Guns,

								/ac	eag	40	0	1)	eland	, m	you	co	
1					WINDS.			BARCOGE	TEE.	TEM	PERAT	CRE.	State of the	Forms of	Hear Hear	State	/
	Hour.	Knots	Pathena	Courses steered.	Direction.	Force.	Leerny.	Height in inches.	Ther.	Ale Dry Bulk	Air Wet Bulb.	Water at surker.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prep of Cle Sky, in 10ths	of the Bea.	Record of the soil the vessel is under at end of watch.
	A. M.				Id.								,	, ,			
	1				J.F.W.	1		29.96	76	76	75		to	Vie Ou	4		
	2					2		29.94	-	A.			4	'	9	300	1000
	4				"	11		12.40	11	"			"	N	9		
	5				99.6.	"		29.92	71	72	71		,	1	6		
	6				1. 1			"	I	11	"			"	5	100	350
	7				9.40.	,		29.94		,	1		,	Cunti	43	1	
	8				-	0		.000	"	"	11/		11	11	4		
1	10				dill	3,		29.96	70	70	76		'	6	9		
1	11				646	1		19.99	"	78	10	Te.	',	Ci Com	18	1	
	Noon.				"	3		29.88	"	79	11		"	Que	1 1		
L		777						,		-	1000		The Paris				
				m by Log since prec	reding Noon									knots		home.	
				D. R. at Noon by D. R. at Noon												"	
				Observations at No	oon ©												
				y Chronometer from		vation	8 0										
		Curren	nt dur	ring the time	knots f	ms. po	r hou	er, setting	to th	oe .							
				f the Compass by A			Sun	rise							,		
				f the Compass by A		dat									,	"	
		Water		nded during the pro	during the pre	and in	. 01 1							25/	7 g	allons.	
				sining on hand fit fo		ceum	g are	ношв						16	89	"	10000
				ned during the prec										tons)	75	lbs.	
		Coal :	emain	ning on hand at No	on								115	" 9	35	" "	
-										-	-	1		/	-	-	
1	P. M.				,	0	1			-			,	6	1		
1	1 2	200			-0.	3	-	29.84	17	79	76		be	Ouni	19	?	
	8				4	4		29.80	1	-	77		,	"	1	-	
	4				6481	1		29.76	5 "		1		1	de	"		
	5	133			"	"		29.78	76	, "	76	6	"	Cirl	me 8	1	
	6	100	100		1", 1	11		29.7	67%	7 11	1		. "	1	9	7	
	7	13	-	-	0,49	,		29.71	7	177	9 "	-	"	W	1	1	
	9	-	1		0.11. 6.	1	-	29.7	9 11	70	7	1		"	19	?	
	10				Calm	0	1	208	77	17	27	7	"	"bii	1		
	11				Ev.	1		3/0	7	57	77	6	"	6m			
	Mid	-			"	"		"	76	5 1	"		"		A		
	Married World	-	-	Name and Address of the Owner, where	The same of the sa	-	1		1	_	1	-					THE RESERVE TO SERVE THE PARTY OF THE PARTY

Longitude by Chronometer from Afternoon Observations \otimes

Variation of the Compass by Amplitude — observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by

Ornmencel and until 4 a.M. Obredy - Pleasant Light 9. 981 4 air.

Morn let at 1-50 - Harlight - Temp of hunker 80°- figured) Rehard & Barrykort

Thom 4 to 8 a.M. Obredy but Illeasant, with light here from It and to 5

Temps of hunker 80° - 6° 9. Bucked of 9. about from the flip pertions learn,

not having relined as the Market brat - (Ligned) have 0 - Kendy

Thom 8 to Merid - Olear and pleasant Light here from It and 6.4.

At 9.30 impected at quarter - At 9.55 species let fin quarter -
Ungaged in schaping spean - Oiled all light sope.

Thom Merid to 4 9. M. Olear and pleasant. Moderate here from Sint.

On Temps of hunker 80° Barometic falling. Begind) have be feeled

Thom A to 8, 9. M. Olear and pleasant. Moderate here from Sint.

Thom A to 8, 9. M. Olear and pleasant. Moderate here from Sint.

One Temps of hunker 80° Barometic falling. Begind) have be feeled.

Thom A to 8, 9. M. Olear and pleasant. Moderate here from Sint.

One of the history of the feeled of water Hered with the fire of the fire of the fire of the feeled of the fee

Pleamer Colley "Paciaficir Ela

Fiel Rate, 6 Guns,

								Pa	cia	ifi	cir		Pelan	d,	1	ly	vico
1								,	-							/	
	Heur.	Knots.	Pathons.	Courses steered.	WINDS. Direction.	Force.	Loeway.	Height in inches.		Ale	Alr Wet Bulb.	Vater	State of the Weather, by symbols.	Forms of Clouds, by symbols.	op of Clear 7, in 10ths.	State of the Sea.	Record of the sull the vessel is at end of watch.
			Ye				2			Bels.	Bulb. e	- Com			Prop Sky.		
	A. M.				6								,	1,			
	1				Calu	0		29.80	75	76	75		be	Die Gun	9		Stenson Co.
4	2				-	R		11	11	11	"		//	11	11	333	
-	3				will be	"		11	4	H	"		//	//	11		
1	4				11.71.	1		11	-		"		"	1	1	1	
1	5				N.W.	2		- 11	"	11	8	30	,	A	7		
	6				"	11			N	11	R		"	11	3	-	
	7				3/44	1		29.87	11	-	11		,	1	2		
1	8				n.1 w.	1		11	76	77	4		00	"	0		
1	9				"	11		12.87	75	76	"		//	11	1		
+	10		-		"	"		29.85	76	77	76	200	"	1	1	18	
1	11					"		29.86	77	79	78		"	. 11		1	100000000000000000000000000000000000000
	Noon.				. 11	-		11	78	80	11		"	1	1		
-									100								
				n by Log since prec	seding Noon									knots	fat	homs.	
				D. R. at Noon											-	-	1.
				y D. R. at Noon										1000	1		
				Observations at No													
					m Forenoon Observ									-	'	"	1
				ing the time				ur, setting	to th	90							June 1
					implitude © observ		Sun	rise							,	"	
		Variat	ion of	the Compass by A	zimuth © observed	d at										"	
				oded during the pro	ecoding 24 hours									25	18	allons	
		Water			during the pre	ceding	24	hours							,	**	
		Water	remi	ining on hand fit fo	or use at Noon									130	88	41	
		Coal c	COLUMN	ned during the prec	ording 24 hours								2	tons &	55	Ibs	
		Coal r	emair	ning on hand at No	on								113		80	41	
4									_	-					-		
	P. M.				111.	188			1								,
	1				M. y W.	4		29.8	579	181	79		Ci bu	u to	1	2	
	2				"	56		29.80	2 "		78	-	11	0978	k A		
	3				"	78		29.85	78	179	77		"	1	1		
	4				,	1		29.80	4 "	7	75		"	"	4		
	5				91.91.85	"		29.90	76	70	74		,	11	0		
	6				"	"		29.9	77	5 7	5 11		"	"	1		
	7				"	5.7		80.01	0 74	4 74	4 11		"	89	te		
	8	1			"	"	1	30.0	4 "	1	73		-	11		,	
	9	18			"	8	1	80.0	8/7	97	373	,	-	"	1		
	10				"	-	1	80-1	2	1	1		,	1	1	,	
		1	1	The second second second	THE RESERVE AND ADDRESS OF THE PARTY OF THE	100	-	00 10	100	-	-	1	- 10	8 64	100	-	the Real Property lies with the last of th

Longitude by Chronometer from Afternoon Observations \otimes

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

11 Mid.

al

Commenced and milit 4 a.M. Clear and pleasant - Calm - Temp of (Figured) Wainwright Kellogg From 4 to 8 a.M. Overcast and builty - Light ain from H.W. Ra sunte. From 8 to Muid - Doucast and pleasant Light huye from H. 4 W. (Rigued) Paul & Leuly From Muid to 4 9th. Weather clear first feast, with fuch huge from Mon Barmeli falling - at 1-30 wind inculated sapidly until it blow a strong gale from M. H. W. Overcast and thick threating exalter-Let go blut anchor and beend to go fatherus on each have and 45 fathorne on Must chain - Planted fine under four boiler at 3 - Counter braced yarde and lecund laile - Lea Nough. Iqually - at 8-80, Barometer communed to sice -(Figured) J. N. Cogswell Link. From 4 to 8 9. M. Overcast, with occasional fearing shower of pain. Moduate gale, fuch in equalle from M. M. St. at 6, banked file four boilen and started distille. Put down topegallant seast. Carried Stim fact forward and love in clack. average steam ference 55the Temps of but per 900 (Tigued) Pam 6. Lewy Flow & to Widnight Oloudy - Frelly gale from the Hot Mornlight - Wind blowing in strong equally lead flashing to I'd ha longle - Baronnete vicing - Dielitle in operation - Temps of bunker 92. Heam Justine 57 lbs. Phip solling surduality Maximum, Noll, & Standard and 72 to port -(Pigued) F.K. Coglwell Link

								inc	nu	ju	cu		, cui	1	-	vu /	yeer
					WINDS.			BAROME	TER.	TEM	PERAT	URR.			2.		
Ho	ur. N	Cnots		Courses steered.		-							State of the Weather.	Forms of Clouds, by	to 10che.	State of the	Record of the soil the vessel is under
			Pathon		Direction.	Force.	Came	Height in inches.	Ther.	Air Dry Bulk	Wet	Water at surface.	Weather, by symbols.	symbols.	Prop of	Bea.	at end of watch.
			-			-	7			ZPILOT.	Dor.	PLI BOX			20		
A	M.				3/11.												
1					11 19 80	69		80.12	78	72	71		169	6.91.	, ,	P	
9					16.10.00.	50	1	0072	10	14	10		1	h.	0	"	
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4		3			"	7.9		11	11	74	69	100		,	11	N	
5						1		80-14	7,	78	11		095	6:68			
6		7						e	12	10			1			100	
7					-	- 1	-	00-40	40	"1	11		11	-	-	N	
			-		"	6.8		80-21	15	74	11	-	11	N	11	11	
8					"	"		80 R5	N	n	11			",	"	,	
9						11		80-27	11	73	,		ter	Ci Cum	1	4	
10					"	67		80-28		74	71		/				
11			3		-	1			11	75	10	183		"	-	"	
Van					"	5.7		11	14	10	-	-	"		12	-	
Noo	0.	4			"	1		11	-	N	71	-			5		
777											100			-	les and	-	
	D	istano	oe rui	n by Log since pro	eceding Noon									knots	fixt	homs.	
	L	stitud	le by	D. R. at Noon													
				y D. R. at Noon											-	"	
		-			1000									D. Contract			1000
	La	tited	e by	Observations at N	oon ③									100		*	
	Lo	ngitu	ide b	y Chronometer fro	om Forenoon Observ	vation	8 0									M	L. Significant
	Ct	urren	duri	ing the time	knots f	ins. pe	r hot	ir, setting	to th	100							
	V	aristi	om of	the Compass by	Amplitude ⊙ obser											"	
					*		Cum	anc.									-
					Azimuth © observe	dat									1	M	
de	W	ater e	expen	ided during the pr	receding 24 hours									25	10	allons.	
	W	ater	Con	colensed	during the pre	ceding	24 1	nours						30		-	
	W	ater		ining on hand fit i	for use at Noon									.1.8	7	44	
				and during the pre										140	-		
				the same by the same of the same of									4	tons /8,	23	Ibs.	- The Part of the
	C	oal re	main	ing on hand at No	oon								110	" 4	75		
-		-	-		The state of the s	-	-				_			,			
P. 1	M.		63		,	170								-	18		-
1					9/	1		0	_			-	1	11	1	0	
2					1.	5.7	-	80.28	75	75	72	-	veg	Oir Ou	+2	1	
-	-	9			-	11	188	80.25		1			,	11	15	11	
8			23		"	"	-	80.24	74	74	71	/	,		4	1	137.62.185
4						4.6	100		1	1	1		1796		15		1
1	5		15			1		01. 11	"	"	4		1	-	1		
	6				1	4	1	80.22	11	"	10	-	1	1	X	- "	
100	24	-	-		"	3	-	"	11	75	71	1	tre	"	5		-
	4	32			11	2:3	1	80-24	475	8 11	74	2		"	6		
	5				-	1.2	100	"	1/1/		1		,	"	8	-	
1	9					1			77		7.	,		10000	9	,	
1	0			1000000		-	2	80.2	1/4	1	10		1	"	/	1	
1	1	-			-	K-3		80.71		4	11	-	11		N	_	
			-	-	101	1.3	1	80.2	5 11	1	"	-	"	"	3	1	
М	nd.				W.M.W.	11		11	11	A	N			11	1		
1		7	-		-	-	-	-	-	-	-	-		-	1	1	-
	1	Long	itude	by Chronometer t	from Afternoon Obs	ervatio	ons Ø										
					from Observations			*							,		
														THE PERSON NAMED IN	-		-
				of the Compass by		served	at S	inset							1	"	
		Varia	tion	of the Compass by		at									,	"	

Donumencel and entit 4 a.M. Blowing a enoduate gale from M.M.W., only feele in Equalle. Towning engine alread at intervall first home. Barmeter Steady, sea rough. Phip rolling through, an are of 5 to 10° Trush of trustere 180°.

Time tanked in four brille. Heam 55 lbs. Dietitling- James Levely From 4 to 8 a.M. Orecast-Pleasant Blowing feels gale with beary quete from N.W. Vi bis bum Himb-cloude - Moderate lea - Banked five in forte Voiled - average clean persone 55 lbe- Temps of bunker 95° Distilling-(Figured) Richard J. Dayuport From & to Minid - Cloudy, pleasant Thing being from M. W. Figually-dea rough This steady-, at 9:30 inspected at granten. Held Devine Turice. Femp of hunken 100° Theam freezen 54° Distilling-figured) f. K. Coopenell From Muid to 4, 9. M. Cloudy Mann - Thong wind with equalle from on fort beam - Made liqual, Patituational Code, answered in Manyalle from boiler - areage steam persene 50 the Temp of bunger 80. Dietelling -(Tigued) (ichard J. Danufort From 4 to 8 P.M. Pleasant wasten. Moderate buye from Hod decuacing-at 5-80, hove up, cathed and filled blut anchor and hove in to 4 5 fathome on the bown. Temp of temper 8 42 Than person 28th Mail Cleaner steamed up to Vita Cry. (Tigued) J. K. Cogenell (Figure) J. K. Coquell from 8 to Midnight - Clear Pleasant Bright monlight Light and from Ho Bankld fine in free bilue average clean pureluce 25 lte-Temp of brunkers & Distilling - (Tioned) Pichard & Darwhood (Tigued) (ichard J. Davuport

Examined and found to be correct.

Transe Gery " 3" Rate, 6 Guns,

-									1				/		-	-
				WINDS.			BAROME	TER.	THO	PERATU	TRUE.	State of the	Vorme of	Stear the	State	
Hour.	Knots.	Pathoesa.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	of the Sea.	Erourd of the soil the vessel is una at end of watch.
A. M.				8-												
1				W.W. W.	12		3025	70	71	69		he	buton	6		
2				"	11		11		68			1	11	3		
3		1		W.	11		80.24	68	11	"		,	"	2		
4		4		"	11		11	11	4	4	,	"		11		
5					4		8022	11	11	68				9	-	
6					11		11	70	70	-		,	"	"		
7		- 10		11	11	1	11	I	11			K	"	"	-	1 10 1 30 15
8	-			010-	11		11	11	"	70		"	11		1	
9				M.W.	*		"	71	74	11		"	"	11		- 12 TO 10 T
11	-			W/L	11		5025	72	74	71		"	11	11		
Noon.				1.0.	M		30.25	73	77	72		"	"	"	-	
NOOH.				0.	N		20.24	73	10	13		4	-	"		

Distance run by Log since preceding Noon	knots fathoms.
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊙	
Longitude by Chronometer from Forencon Observations ⊗	
Current during the time knots fins. per hour, setting to the	
Variation of the Compass by Amplitude ⊗ observed at Sunrise	
Variation of the Compass by Azimuth ⊗ observed at	
Water expended during the preceding 24 hours	25/ gallons.
Water Coudeules during the preceding 24 hours	730 "
Water remaining on hand fit for use at Noon	1916 "
Coal consumed during the preceding 24 hours	2 tons /755 lbs.
Coal remaining on hand at Noon	107 " 980 "
	, ,

Р. М.	1.1.		100						
1	6.4.6.	12	30.21	76	77	78	he	bie Com	9
2	N.6.	3	30-18		76	72	A	,	8
3		11	80.17	"	N	"	11	,	9
.4	H.6.46.	"	80-15	75		4	,	,	1
.5	,		80.14						11
6	"	2	80.15	74	74				1
7	",	11	30.16		11	11	"		
8	6.	5	"	"	11	11	"		1
9	6.74.	4	80.20	11	11	"	"	1,	,
10	W.7.W.	0.1	N	"	"		"	bie	11
Mid.	9.6.	1	80.19	8 1	72	*	"	Home	10
ALIZ	"	0.1	1	74	74	4	1	"	

Longitude by Chronometer from Afternoon Observations \odot

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Dorumence and until 4 a.M. Partially overcast and felescent. Right been from the and W. I. Phip rolling through an arc of about 5° Fine banked under four boiler. Amage Stram 25 lbs. Temp of brunker 90° Distitling - (Piguid) f. K. Cogewell Limt.

From 4 to 8 a. M. Chai and pleasant, with light ain from EN of Hore up, cather and filled claim and lifted strand anchor, though it over claim. At 8, fidolod top gallant marte.

rued) Wainwight Kellogg from 8 to Muid_ Olean. Warm - Light airs from Ho and Wet at 9, line shat at 9.55 stiam reported ready - at 10, got underway and stord in towards city. Draught of water forward 13 ft 10 in, amidelife 14 ft 10 in, aft 15 ft 6 in at 10.45 came to and moved thip with to fathorne chain each anchor, in 6 fatheout water - Bearing's at auctor, Tet frint Gallegvilla Reef (pc) 1/4 W. 9. W. baction of Caette W. 4 9. Phips, head 6.4 W. Phip rolling heavily 15 - Banked fine in four briles. Than pursue 55 the Temp of trunker 100- Dutilling-(Rigued) (lichard of Daoufront

From Muid to 4 P. M. Olean, pleasant, with light huye from Hand Od_ at 1, hove up tothe bower and got unduway. at 2, came to with star traise frure and veril to 15 fathour. at 2.36 live up claitrand bruce and get underway - at 3, came to with fort frure and build to 30 fatherul -It print gallegvilla Put bre H- 9. W. baction of Cartle bore git 12 9. But have to chiam anchor, carried it out and lit go anchor I. C. from Misp.

Banked five in four tribu at end of watch. Dietelling-

(Rigued) Wainwight Pellogo trous 4 to 8 9M. Clear Stann. Light N. 6. 46 huye - at lundown, lent down top gallant marte. Herman Muyer (1st b. B.) cloud 1 1/4 hour efter water, by order of Commanding Office. Ban feel fine in four british. Conage clean furture 20 lbe. Tump of butter 98° Dictilling- (signed) Richard J. Davufort Lint. (Tigued) Richard J. Davuport

From & to Midwight - Olean and pleasant, with light variable aire - Bright moonlight Banked fine in four briles . Please 20th Tump of hun free 98.

(Rignest) Wainwright Kellogg

Examined and found to be correct.

Acawarker, Lint. Navigator.

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

Transer Cely "Rate, 6 Guns,

						ve	a	0)	m	, Mex	ico			
			WINDS.			BAROSEET	EF.	THOU	ERATURE.			lear he.		
Knots.	Pathona.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	Ale Dry Bulb.	Air Wet at Bulb. serbe	Weather, by symbols.	Forms of Clouds, by symbols.	Prep of C Sky, in 10t	of the Bea.	Record of the sail the rease at end of watch.
			2,			0				,	11			
			W.	2		- 16		/	68	te	Cillian	9	100	
			"	N					"		1	1		
			11	11		30.16	61	68	66	N	'			
			2"Dur	"		Parl.	11				2/-	1/1		
			00.1.00.	"		4				"	1 1	1		
			81-4 g			-				"	CH Veren	1		
			00-70-	100		00.100	1	60	67	1				
75	33		996			80.18	70	72	70		hum	1		
100	83		9.646			80-16	10	74	79		- Cumc	133		
			696	100		30-19	7,	75	1		,	-		
5	331		649	189		80-10	75	1	13	"	lois by			
			0.7			-		"			4.00	-		
Distan	ice rui	n by Log since pre	eeding Noon,								knots	fati	homs.	
Latito	de by	D. R. at Noon												
											2000			
											-	1	"	
			m Forenoon Obser	vations	0						100	1	"	200000
							to th	ie						1000000
					Sunr	ise						,		
				d at									"	
											24	5 1	allons.	
				eceding	24 1	OUR					7,8	0	**	
											240	1	44	100000000000000000000000000000000000000
										1	tons 6	85		
Coal r	remain	ing on hand at No	on							105	" 55	5	*	
											T	T	T	
			649	2		80.00	78	75	73	1	6:6	1	2	
1			0.7 "	3	13		74	1		1	"	7		
	3		6.	1	1		75	76			,	1		1000000
	25		6481	0 100	17	29.98	,	1	B	1	,			
1			6	11	1	80.00	,	1	72		Our			-
1	188		"	100	100	"	74	75	73	"	,	0 0		
100	1		696	4		80.01	"	1	1	"	6.9	1 8	1	
1		The second second	1-1-1	3	1	30-02	-		"	"	Cila	w 9		
			649	11		0000	4 4	1	-	-	Disco Cha	1		
			6-49.	"		80.01		-	"	11		17		
			6.49.	"		80.01	H	4	11	"	"	7	,	
			6.49.	1. "		30.01	11 11	11 11	11	11	"	7	-	
	Distant Latitu Longit Curres Variat Water Water	Distance rui Latitude by Longitude b Current dur Variation of Water exper Water rema Coal consur	Distance run by Log since pres Latitude by D. R. at Noon Longitude by Observations at No Longitude by Chronometer from Current during the time Variation of the Compass by A Water expended during the pre Water Conducted Water remaining one hand fit for Coal consumed during the pro-	Courses stored. Direction. D	Courses steered. Direction. Direction. Direction. Direction. Direction. Perco. Direction. Dire	Direction. Direction. Direction. Direction. Force. J. J	Enote by Chronometer from Forenoon Observations © Current during the time knots fins. per hour, setting Variation of the Compass by Amplitude © observed at Sunrise Variation of the Compass by Aximuth © observed at Water expended during the preceding 24 hours Water remaining on hand at Noon Coal consumed during the preceding 24 hours Coal remaining on hand at Noon	Enote by Compass by Azimuth © observed at Suarise Consumed during the preceding 24 hours Coal remaining on hand at Noon Coal remaining on hand at Noon	Rado Section Decedes. Force Section Index. And Received at Compass by Amplitude © observed at Suarise Variation of the Compass by Amplitude © observed at Suarise Water Conscioused during the preceding 24 hours Coal consumed during the preceding 24 hours	Rance of Courses steered. Direction. Forces in Review 1 There, 1 There is the handow. 2.	Ranch of Courses steered. Direction. Pures. If Holgat in Ther. Liv. Wird Water Westlers, and the links. The l	Room. So Courses states. Direction. Force. So Holdship There. And Air Wasse of the Caroles, by symbols. Direction. Force. So Holdship at the State of the Caroles, by symbols. Direction. Force So Holdship at the State of the Caroles, by symbols. Direction. Force So Holdship at the State of the Caroles, by symbols. Direction. Force So Holdship at the State of the Caroles, by symbols. Direction. Force So Holdship at the State of the State of the Caroles, by symbols. Direction. Force So Holdship at the State of the State of the State of the Caroles, by symbols. Direction. Force State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction. The Market State of the Caroles, by symbols. Direction of the Caroles, by symbol	Room of Courses states. Direction. Direc	Room of Courses sensord. Direction. Dire

Commenced and until 4 a.M. Clear Pleasant. Light IN by buye - bis Come clouds. Thep solling easily. Bright mornlight - Banked fine in four boilers - Temp of him few 180° arrage steam presence 20 the Distilling -

Jour 4 to 8 a.M. Clear and pleasant. Light air from I and W to at 6-20, how up front auchor and pliested buth. How up straw and and overal eail. Fine banked in four triller. average straw present up of hunker 100. Dietiting-

Thom of to Muid- Clear and pleasant, with light trupe from 6.4 9.
Rint f. T. Inlivan left the ship to take passage in the City of Muida

for New York, having true construenced by a Medical survey. At 11-15, hove

up port anchor and stood down the coast towards siland of Pacificion.

At end of watch, steaming with four briles. Please further 60 lbs. Timp

of trusters 105°.

(Tigued) Wainwright Kellogg

Thru theriol to 4 9. M. Olean and pleasant Light huge from 6. Ot 12-10, came to anchor off the Pland of Paccificiol - Let go fort anchor and vered to 45 faithout cleain - Let go claritared anchor and vered to 30 fatherne cleain, how in to 30 fatherne on fort cleain Darried out straw anchor to 9th, with 45 fatherne on clean cleain - Braing's from anchorage - H. W. and of Pajarrol Illand H (tec). H and Paccificion 9.6. by 6/2 6/2 6/2. Philis head 6! File tanked in two briles - Heam 19 the-

From 4 to 8 9. M. Clear and pleasant. Moderate huge from 9.6.46.
Fruid to 30 fathome outside have clar toard chain - Bright Monelight latter part. Fine tanked in hor tribur - average cliam 20 lb. Tempo of hunken 90 2 Dietitling- (Tigued) Hainweight Kellogg

From T to Midnight. Olear and pleasant. Light hure from I and to gradually handing to W to Bright Mondight Frine tan feed in tur boilur. Monage Clean 20 lbs. Temp of him free 100? Dietitling.

Higued) Pam & Lewly Entige.

Examined and found to be correct.

Asalvacker, Lint.

Navigator.

Trance Cely"

3 rd Rate, 6 Guns,

4						11			Mexico				
		WENDS.			BAROSEE	ITER.	TEM	PERATUR		1	34		
Heur. Ku		Direction.	Feres.	my.	Height in	Ther.	Air	Ale W	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the wessel is under at end of watch.
	Path	Direction.	F-eros.	Leemay	Height in inches.	stf'd.	Air Dry Bulls,	Wet Bulb. our	face.	s) mone.	Prop.	Dea.	
A. M.		ala lega										100	
1		N.W. Ja.	72		80.04	174	73	71	fc.	bir bu	.8	-	
9		W.9.W.	N		"	72	70	69	"	11	9		
3		"	1		"	70	69	68	"	,	,		
4		"	12		"	11	11	"	,	"	"		
5		"	"		11	11	70	69	16	Ci	"		
6		11	1	2	80.06	11	72	71	11	Hore	10		
7		,"	0.1	2	80.06	71	75	72	11	Cu bu	9	1	
8		Calm	0	3	30-8	11	"	73	1	"	"		
9	2000	8,	1		"	73	74	11	"	1	11		
10	A PARTY	4. 46.	11	1	"	74	"	74	"	"	"	100	- CONT.
11	-	"	"	1	80.04	11	75	75	"	1	"		
Noon.		"	2	è	80.03	75	76	11	"	Cum	A	100	
							-			-		1	
	stance run by Log since pre	seeding Noon								knots	fath	oms.	
	titude by D. R. at Noon									•		w	
	ngitude by D. R. at Noon	100000								110		"	,
	titude by Observations at N									•		*	
	ngitude by Chronometer fro											"	- No. No. of Street, S
	rrent during the time		-		, setting	to the							
	riation of the Compass by			Sunris							,	"	
	riation of the Compass by		at							,	'		
	ater expended during the pr									24		llons.	
	uter Constituted		oeding	24 ho	are					363	-		
	after margarining on board for a	for use at Avoon								25/	/	a	The state of the s
	ater remaining on hand fit :									/			
Coal	al consumed during the pre	ceding 24 hours								tons /4	85	lbs.	
Coal		ceding 24 hours							104	tons /4	85	lbs.	
Coal	al consumed during the pre	ceding 24 hours							105	tons /4	85	lbs.	
Coal	al consumed during the pre	ceding 24 hours	,		2 9. 90	176	70	76			10	lbs.	
Coal Coal	al consumed during the pre	oeding 24 hours	1		29.91	76	78	76	te le	6ии	9	lbs. "	
Coal Coal	al consumed during the pre	ooding 24 hours	11		29.98	76	78	76			90	lbs.	
Coal Coal	al consumed during the pre	ooding 24 hours	2.3		29.91	76	78	76	be "	Cum	90	lbs.	
Coal Coal	al consumed during the pre	ooding 24 hours	2.5		29.98 29.96 29.92 29.90	76	78	76	be "	Cauc	90	lbe.	
Coal Coal P. M. 1 2 3 4	al consumed during the pre	ooding 24 hours	2.3		29.91 29.96 29.92 29.90	76 77 78	78 80 78	76	be "	Cum	9 0 11 11 11 11	lbs. "	
Coal Coal P. M. 1 2 3 4 5	al consumed during the pre	ooding 24 hours	2.3		29.91	76 778	78 80 78 77	77 76 75	be " " " "	Cauca	9 0 11 11 11 11 11 11 11 11 11 11 11 11 1		
Coal Coal P. M. 1 2 3 4 5 6	al consumed during the pre	ooding 24 hours	2.3		29.91	76 778 778	7880 78	77 76 75 "	ве " " "	Cauc	9 0 11 11 11 11 11 11 11 11 11 11 11 11 1		
Coal Coal P. M. 1 2 3 4 5 6 7	al consumed during the pre	ooding 24 hours	2.5		29.91 29.96 29.90 29.90 29.90	76 778	11	77 76 75 8	be " " " "	Cauca	9 0 10 10 10 10 10 10 10 10 10 10 10 10 1		
Coal Coal P. M. 1 2 3 4 5 6 7 8	al consumed during the pre	ooding 24 hours	23 18 2 112		29.91	76 778 7776	"	77 76 75 8 4 8	ве " " "	Come " " None	9 0 10 11 11 11 11 11 11 11 11 11 11 11 1		
Coal Coal P. M. 1 2 3 4 5 6 7 8 9	al consumed during the pre	ooding 24 hours	2.5 192 112/		29.91 29.96 29.96 29.96	0 11	11	77 76 75 " 76	be " " " " " " " " " " " " " " " " " " "	Cauca	9 0 10 10 11 19		
Coal Coal Coal P. M. 1 2 3 4 5 6 7 8 9 10	al consumed during the pre	ooding 24 hours	23 18 2 112		29.91 29.96 29.96 29.96	-	"	77 76 75 8 4 8	be "" "" "" "" "" "" "" "" "" "" "" "" ""	Come " " None	9 0 10 11 11 11 11 11 11 11 11 11 11 11 1		

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

at

Downwell and with & a. M. Clear and pleasant, with light here from I'd and W. Bright Moonlight. Hopped distitling at 3-Tiqued Wainwright Kellogg From 4 to 8 a.M. Char and pleasant. Light Wo air - Received fucks provisions for use of crew- at 8, sent up topgallant reactioned light yands. (Tigued) f. K. Orgenell How of to Merid. Clear and pleasant. Right air from I dand 6 de at 9.35, inefection at quartiel- opercised 1st and 2 Dior at quat qual, Marine Juard at small anne. Preciond three cords of word in Department of Equipment. Let fine die out in him sunaining tribul. Lowered smoke stack - Tump of bunker 100'-(Piguest) Paul, C. Leury From Meriod to 4 P. M. Weather clear and Harm. Ot 1, exercised touth church at their dulin in arming and equipping - Quartily Board of Juny, consumed 16 the of helter-barpenter gang engagest in praying the seam of proof deck. Paintist gig.

(Tigued) J.K. Coglevell How 4 10 8 P. M. Clear and Islearant Light air from 6 d. at 5.80, american Tham billy of Mysico" got underway and and shoot stord out to sea. At 5.40, surele some at sundown, sult down top gallant marte, soyal and top gallant yards. Temp of bumper 8 for from 8 to Whidwight - Olian and pleasant - Zight ain from the (Rigued) f. K. Cogrewell Link.

LOG of the United States Steamer Cely" gud Rate, 6 Guns,

						1/1	laus	10	+	Sa	cu	Liciod	, Me	dica	-	
				WINDS.			BAROM	TER.	TEM	PERATI	THE.		/	21		
Hour.	Knots.		Courses steered.	Direction.	Force	Leemay.	Height in inches.	Ther.	Air Dry Bulis.	Air Wet Bulb.	Water at surbos.	State of the Wegiler, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Bea.	Record of the suil the vessel is unit at end of watch.
A. M.				Calu	0		29.91	75	75	74		te	bun	9		
2		9 13		W	1		1/10	74	74	70		"	Counc	1	38	
3				"	11		29.95	1	"	"		//	Home	10		
1				30-	"	133	"	"	"	,		"	, "	"		
5		100		N.W.	M		29.97	1	"	"			Ci Cu	9		
6				n.	11		29.99	"	75	"		. 1	11	"	199	
7		100		"		-	80.00		11	#		"	4	11	100	
8		100		"	4	-	80.02	1	N	"		"	"	11		
9		-		,	11	100	80.05		77	70		"	"	"		
10		13		68/6	11	1	30.02	76	"	,4		"	-	11	-	
Noon.				V.11. V.	"		20.00	77	78	11		"	"	11	120	
21000				-	1		80.00	1	"	"		"	"	"		
I	Vistance	run by	Log since pe	receding Noon									knots	fath	oms.	
L	atitude	by D. I	R. at Noon										100		"	
L	ongitud	by D.	R. at Noon												. "	
L	atitude l	by Obse	ervations at 1	Noon ©												
L	ongitude	by Ch	ronometer fr	rom Forencon Obecr	vations	8 0									"	1
0	arrent d	turing th	he time	knots i	fins. po	r hou	ır, setting	to th	e			Salver				BETTE STORY
V	ariation	of the	Compass by	Amplitude ⊙ obser	ved at	Sunr	ise								"	Contract of the contract of th
				Azimuth ⊗ observe	d at									1	163"	
		pended	during the p	preceding 24 hours									24	78	llons.	
	Vater			during the pr	eceding	g 24 l	lours						22	7	44	-
				for use at Noon									0	01		1
			on hand at N	eceding 24 hours									toms 7	50	lbs.	
	Van Penn	munik e	on mand ac 1	1000			0.45		199			104	-/6	00	-	
P. M.											1					
1				6	2		29.97	78	180	78	-	be	Cum	9	1	
2				"	"		29.96	"	"	1		N	"	1		
3		1		"	1	3	29.95	11		11		"	11	1	1	The Landers
4				".,	3	1	29.95	8 11	N	11	100	"	1	1		30.000
5	198			6.4.6.	2-5		"	"	79	77		K	Cie	1		
6		10		"	1		1	4	78	76	1	"	Quela	-	-	
7		1		"	11	1	29.9	477	77	177	7	"	6um	- 4		
8	23 3			"	11	1	29.9	6 11	"	70	5	"	"			
9	900			-		-	29.99	970	6 "	75		"		11	1	
10		1		"	1		80.0	0 1	76	1	-	"	"	8		
11		13		"			"		"	"	-	"	"	4		
Mid.		100		"	"	-	80.0	1 "	"	"	-	"	11	11	-	-
-	Land						-	700							,,	
				from Afternoon Ob	ocevatio	ons @										
	Longite	de by (mronometer	from Observations			*						TO CHANGE		117	

Variation of the Compass by Amplitude observed at Sunset

Communeed and smill 4 a.M. Clear, damp and felearant. Light Wity aid-balm first feart. Gave folin P. Marker (1.C.B) an extra hid watch, by order of Commanding Office. Thurse of how ken 86. (Tigued) Jam, C. Lewely From 4 to 8 a.M. Clear Pleasant Light & The house - at 8 sent up topogallant marte and light Garde - Tremps of him the 88 . (Tiqued) Pichard J. Davrufent At 9.30, impected at quarter and executed 1st Die at lingh sticke and signall - 2 nd Div, at quat que and Powder Div, at facinge - By order of Commanding Officel, declared P. f. Hamillon 6926/a dente, be having been about tel days without pulmission - Carpentin gang engaged in paying the leakes of proof deck - figured f. K-Coglarly Lint-From Merid to 4 9. Ht. Olian - Warm - Light 6 th bruge Danmely clouds to aspending gang engaged in pitching realest on proper Temp of hunker (Tigued) Richard & Davruport From 4 to 8 P.M. Pleasant weather clear - Light hure from 62 -Quartity Braid of Turny construenced and thing over band one band of east buf. Thut down light faids at luncer- Mon Nose at 7-(Tigued) F. N. Cogswell Link from 8 to Midwight blear Pleasant Light 6. H. C. huy, Cumular cloude paring to Wol Bright moonlight Christy latter feart water Think of bunker 76. (Pigurd) Pichard J. Davenport

Examined and found to be correct.

Asawather Limit

LOG of the United States Stanus Olly Sacrificial, Mexico

				WINDS.			BAROME	TER.	TIM	PERAT	URK	Stute of the	Vorma cf.	P. C.	Guer	
Hour.	Knots	Pathona.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Then, atr'd.	Ale Dry Bufb.	Alr Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the roll the vessel is und at end of watch.
A. M.				,												
1		3		Calm	0		80.00	78	77	76		be	bun	2.		· · · · · · · · · · · · · · · · · · ·
2				"	11		11	,11	"	i	-	11		11		
3				"	11		29.98	11	N	"		//		9		
4							"	77	75	75				1		
5				W	2			73	78	73		,	bie Om	3		
6		3		"	11			74	"	N		. #	"	5	1	
7				"			11	75		11		,	"	6		
8				",	11		11	11	74	74		II .		9		
9		3		H.	"		29.99	76	75	"		,	,	1		
10				6.			"	77	77	75	100	"	,	1		
11					,		80.00	78	78	76	1	11				1
Noon.	13	1					30.01		11	-		"	,	"	100	
-																

Distance run by Log since preceding Noon	knots	fathoms.	
Latitude by D. R. at Noon			1
Longitude by D. R. at Noon	The same		
Latitude by Observations at Noon ⊙			
Longitude by Chronometer from Forencon Observations ©		. "	
Current during the time knots fins. per hour, setting to the			1
Variation of the Compass by Amplitude ⊗ observed at Sunrise			
Variation of the Compass by Azimuth ⊙ observed at .		. "	1
Water expended during the preceding 24 hours	25	7 gallons	
Water during the preceding 24 hours		"	1
Water remaining on hand fit for use at Noon	20	.15 "	
Coal consumed during the preceding 24 hours	tons 2		
Coal remaining on hand at Noon /0	3 " 21	00 "	

P. M.										
1	6.49	2	29.96	78	79	77	to	Cum	9	
2	4,	"	29.94	11	80	18	,	,	"	
8	6.	11	"	79	875	79		Comesto	"	
4		"	29.98	11	"	11	"	"	11	
5	. ,	11	19.89	11	80	78	"	//	,	
6		"	"	78	79	77	"	"	1	
7	"	11	"	11	N		"	"	"	
8	"	11	"	77	78	76	"	"	"	
9	141	12	29.93	78	79	1	1	виш	"	
10	0.77.	11	"	77	78	1	1	"	5	
Mid.	0.7.6.	0-1	29.94	11	"		"	1 9	4	
Mid.	"	/	"	"	17	11	#	Oscullino	6	

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

/	
Donnencel and until 4 a. M. Cloudy and calm - Cumulus claude the	,
Dominucel and until 4 a. M. Cloudy and calm - Cumulul cloude Heavy of	w-
From 4 to 8 a.M. Cloudy first home of watch, clear and pleasant latter to	-
The 1-80 dl fol 1. 1. 1/2 1. 1-1 1	, .
I from I to o st. M. O couly guer woul of watch, clear and pleasant talle to	act-
July - and film of - will of mindre of -	200.00
(signal willing a fellose	
On 1. au 1. 3 - d. 11 1 21 - Link.	
from 8 to Muid - Clear Harm - Right 6 4 bruge - at 9 a.M. cleaned ships for action . Juneal Quartie . Called away all boats award & equipped when the Commanding Officer made an official inepulion of the ships	
for action. Junial Zuartin. Called away all boats and in equipped	
when the Commanding Office made an official ineluction of the ship	
Cast love 9. 12 = 10 a.M. Time Junal Quarter & le my me sur	
Cast love 9. 12 = 10 a.M. Thomas Levarties & he me we are	
Maine Great 1th 30 th Maine Guard =	
40	
Powder " 2 m 502 Powder " 4 m ord	
2 mol " 2 m 17 t 2 mol " 6 m 36 t 7 m 85 t	
jet " 3 m/0 i jet " 7 m 85 m	
Engineer " 1 20 1 Cugineer " 2 m 182	
Boots and and willed	
Pound 7 m 502 Timbed foot 8.80. 2 ust butter 3 " 50 2 Jig 400-	
Daniel - su 5 12 9 1 1 1 4 500	
Launch 7 m 502 Temps of brunker 80:	
(Tigued) Michaed J. Davruport	-
From Meriod to 4 9.M. Clear and pleasant, with light here from 62 Time of humber 78?	4
From Meriod to 4 9. M. Olean and pleasant, with light here from 6. " in	1/0
of humbur 78°	
(Nigued) Wainwright Kellegg Lint	100
	5700
1. 1- 2- PH 101. PI 1 9:14 64 1 1 1 1 1-1-1	,
1 /WW 16 10 8 1. W. Wall I lessout Now VI relief while 1 we consider	2-
97:10 41 1 (100) 10156 H. (20) 11 11- 11-11-1	02
Taltick Monely (1.C.B.) and W. f. Harron (.C.B.) I home lytes duty, by order	1
Tatrick Money (1.C.B.) and W. F. Harron (1.C.B.) I home lette duty, by order Commanding Office - Temp of how kee 78 - Very heavy dew -	1
From K to 8 P.M. Clear Pleasant Light 6th house bum the cloud Patrick Money (1.C. 8) and W. F. Harron (1.C. B.) I home extra duty, by order Commanding Officer Tump of how kee 78° Very heavy dew-	1
Taltick Mouly (1.C. 8.) and W. f. Harron (1.C. 8.) I how lette duty, by order Commanding Office. Temp of how kee 78. Very heavy dew.	1
Taltick Mouly (1.C. 9.) and W. f. Harron (1.C. 13.) I home lefter duty, by order Commanding Officer - Temp of how kee 78° Very heavy dew - Tigued Pichard J. Davenport	T . t.
Taltick Mouly (1.C. ?) and W. f. Harron (1.C. ?) I how lette duty, by order Commanding Office. Temp of how kee 78 - Very heavy dew- Tigued Pichard J. Daverport Trom & to Midwight blear and Mearant first how, afterwards Cloud	T. +. 4
From 8 to Midwight - Clear and pleasant first home, afterwards Clouds	t. 4-
From 8 to Midwight - Clear and pleasant first home, afterwards Clouds	t. 4-
From 8 to Midwight - Clear and pleasant first home, afterwards Clouds	t. 4-
Tatrick Monety (1.C. 8.) and W. J. Harron (1.C. 8.) I home lefte duty, by order Commanding Office. Temp of how kee 78. Very heavy dew. (liqued) Cichard J. Davenport From & to Midnight. Olean and pleasant first home, afterwards Cloud Bright monetight. Temp of how keel 80. (liqued) Wainwright Kellogg	t. 14-

Treamus Celes " Seland of Pacificist,	
Geland of Pacificial,	Mexico

		seland of sac	reficiol, Me	fice	
	WINDS.	BAROMETER. TEMPERATURE.	State of the Verma of	11	
Hour. Knots. of Courses	ateurel. Direction. Force.	Height in Inches. Ther. Dry Wet at suches	State of the Weather, Clouds, by symbols.	Prop. of Clean Sky, in 10ths spr. og p. og spr. og p.	Record of the sull the vessel is unde at end of watch.
A. M.	9 3	19.91767676	be Com 96	19	
1 2	# "	1/1/0/0/0	II. I	1	
3		11 11 11 11	11 11	,	
4	10-2	11 11 11 11	", "		
5	9.W. 1	1 747574	of 1	0	1 hours
6	" 1.0	11 11 11 11	1-1	1	
7 8	,40 , 4	H H H H	to bum	2	700
9	9.9.6.	29.96 76 79 76	" Cui bu	,	A STATE OF THE PARTY OF THE PAR
10	6.9.6. 1	29.94788179	" "	8	
п	19/12	" " 80 "	" "	9	
Noon.	0.11.6. a	29.957981 "	" "	"	
Distance run by Log of Latitude by D. R. at			knots	fathoms.	7
Longitude by D. R. a					
Latitude by Observati					
Longitude by Chronor	neter from Forencon Observations	0		, "	
Current during the tin	ne knots fins. per	hour, setting to the			1.000
	pass by Amplitude © observed at S	unrise		, "	
	pass by Azimuth © observed at		, ,	Z gallons.	
Water expended durin	g the preceding 24 hours during the preceding :	04 house			The second secon
	and fit for use at Noon	are notice	17	63	
	g the preceding 24 hours		tons 2	75 lbs.	
Coal remaining on ha	nd at Noon		103 18	55 "	The state of the s
			17 103 " 18		
P. M.	6491.	200000000	1 /	-	1
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Longitude by Chron	cometer from Afternoon Observation	16 ⊖		, ,	
	nometer from Observations	*		, ,	
Variation of the Co	consequent for Associationals observed a	A Council	THE RESERVE TO SHARE THE PARTY OF THE PARTY		THE RESERVE TO A PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

Variation of the Compass by Amplitude observed at Sunset

Downweed and suite 4 a.M. Olean-Pleasant-Light It here bun the cloude Bright mornlight- folice P. Marker (c. R.) stood for house extra watch, by order of bournanding Officer - Heavy dew - Temps of hunker 800-From 4 to 8 a.M. Foggy, write light IN Ty air cleaning up last home-Fremp of hunker 76. Watter 6. Plake (Mach) reported the effication of list liter of service.

(ligned) Fam 1. b. Lewely Charges.

From 8 to Merid. Clear and pleasant, write light buye from I and 6 thinging to No and 6 to Congaged in cleaning this. Trenty of hunker 78? (Tigued) Wainweight Kellogg From Muid to 4 9.M. Clear and pleasant, with light here from Hot & & Baroneta falling Jobs effects of R. F. Hamilton (2.6) declete, amounting to \$ 3.25° Trusp of huken 80 !
From 4 to 8 9.M. Clear and pleasant, with light here from 6 of Trump of hun fur 80°
Prom 8 to Midwight Clear and pleasant Light variable air.

Morn pres at 8 55. Bright normlight Trump of hunger 76°

(Signed) Pam, C. Lendy

Curiga-

Guns,

		WINDS.			BAROMETER. TEMPERATURE.								34				
	Hour.	Knots.	Pathons.	Courses steered.	Direction.	Force.	Leemay.	Height in inches.	Ther.	-	Alr Wet Bulb.	-	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 16ths.	State of the Sea.	Record of the soil the vessel is und at end of watch.
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Variation of the Compass by Amplitude © observed at Sunrise																	
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				nded during the pro											g	llons.	
		Water			during the pre	ecedin	g 24 l	hours							14/1	44	
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				of the Compass by		ecryod	at S	unset									
Variation of the Compass by at . , "												-	-	-			

W. S. S. Essen, 3 Rate

Yera Onez, Musics,

March 31 4 1177

L'entity that this is a True capy of the log of this ship

from Oct. 3' 1876 to March 31 4 1877 inclusion.

Aca Walker,

Lieut havingstor.

approved Solly Coming.

